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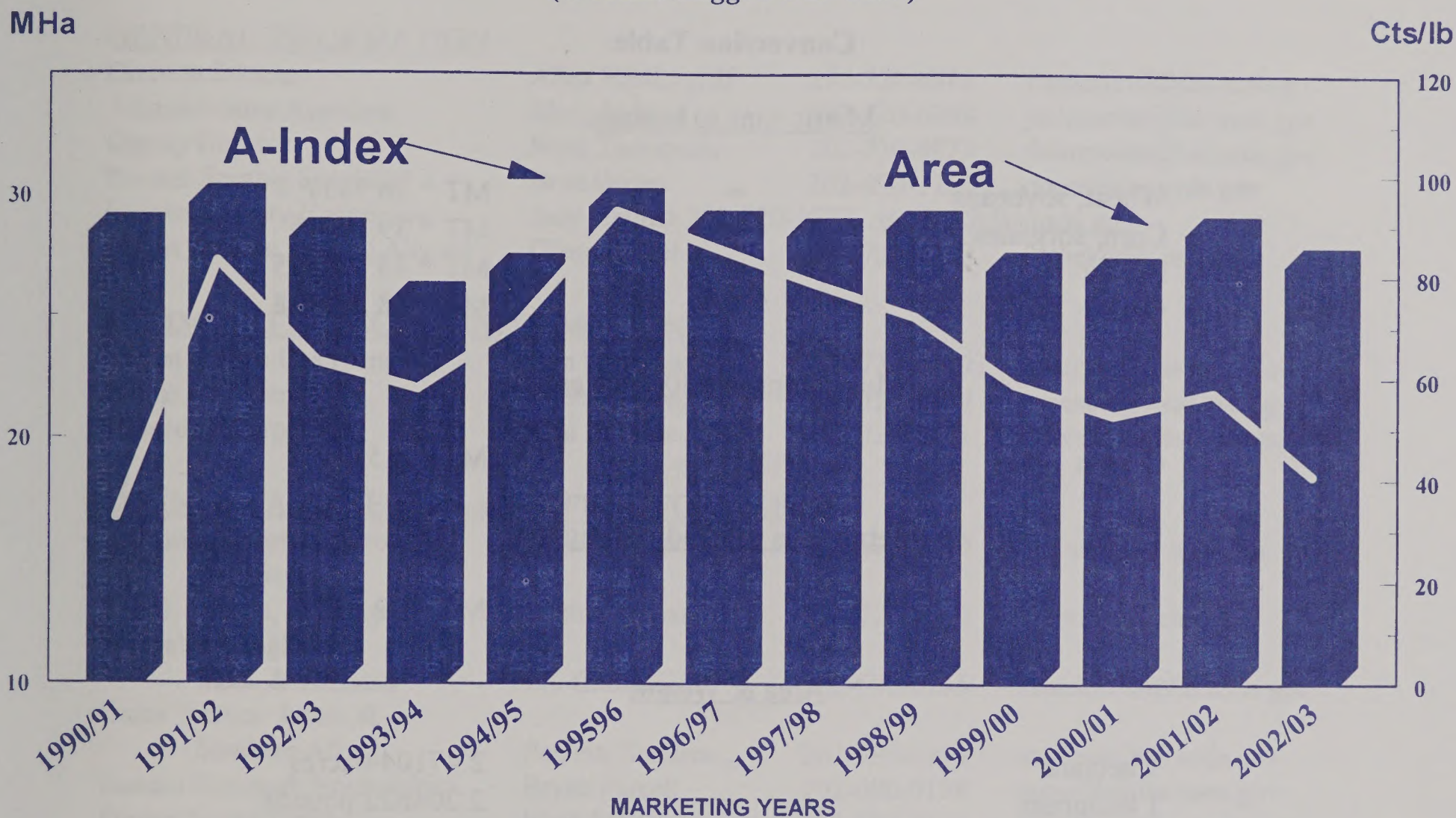
Foreign  
Agricultural  
Service

Circular Series  
WAP 02-02  
February 2002

# World Agricultural Production

## 2002/03 Foreign Cotton Area and Production Expected to Fall

Foreign Area and Cotton A-Index  
(A-Index Lagged One Year)



Foreign cotton area and production for the 2002/03 season are expected to fall based on several factors. Domestic and world financial conditions influence foreign cotton area along with government policies and weather. For those countries that export cotton, the world cotton price and prices of in-country competing crops play a crucial role in the area planted to cotton. The Cotlook A-Index is often used by farmers as an indication of the profitability that can be achieved from the production of cotton. The A-Index is the daily average of the five lowest-priced quotations of comparable growths offered for sale by cotton exporting countries. Generally, a direct relationship exists between cotton area and the price index for the previous year (See Graph). The price line on the graph shows an average annual market year price beginning in 1990/91, and includes an average price from August-January for 2001/02. Preliminary indications are that foreign cotton area and production should be roughly around 27.0 million hectares and around 72.5 million bales in 2002/03, compared with an estimated 28.4 million and 76.8 million for 2001/02, respectively.



This report uses information from the Foreign Agricultural Services' global network of agricultural attaches and counselors; official statistics of foreign governments and other foreign source materials; and the results of economic and satellite imagery analysis. Estimates of foreign area, yield and production are from the Production Estimates and Crop Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committees. Estimates of U.S. area, yield, and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-383) February 8, 2002.

This report was prepared by the Production Estimates and Crop Assessment Division, FAS/USDA. The next issue of World Agricultural Production will be released after 3:00 p.m. Eastern time on March 14, 2002.

### Conversion Table

#### Metric tons to bushels

Wheat, soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

#### Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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#### Metric tons to hundredweight

Rice	=	MT * 22.04622
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#### Area & Weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds



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## **PRODUCTION BRIEFS**

### **Argentina: Wheat Production Declines**

Argentine wheat production in 2001/02 is estimated at 15.7 million tons, down 0.8 million or 5 percent from last month and down 5 percent from last season. Harvested area is estimated at 6.8 million hectares, a slight increase from last month, and up 6 percent from last season. Wheat yields are forecast below average at 2.31 tons per hectare.

Lower than expected yields in the key producing areas of southern Buenos Aires Province resulted in less production. Although southern Buenos Aires Province wheat yields were higher than average, they were not high enough to offset losses in northern Buenos Aires Province. During wheat flowering, more than 12 inches (300 mm) of rain fell on central Argentina's main growing area resulting in localized flooding and saturated soils. Approximately 15 percent of the nation's wheat area is in the area that was most affected by the rains. This area is northwestern Buenos Aires, southern Santa Fe, southern Cordoba, and northeastern La Pampa Provinces. Wheat yields have been reported lower than last year for this area.

### **South Africa: Corn Area and Yield Revised Down**

South Africa's 2001/02 corn crop is estimated at 8.5 million tons, down 0.5 million or 6 percent from last month, but up 13 percent from last year. Estimated corn area for 2001/02 was reduced by 3 percent this month, to 3.4 million hectares based on data from South Africa's National Crop Estimates Committee (NCEC). The estimated yield of 2.5 tons per hectare is higher than last year and above the 5-year average.

According to the January NCEC report, commercial farmers planted an estimated 2.88 million hectares of corn in 2001/02, down 58,000 hectares from the previous NCEC planting intentions estimate in November, but up 170,000 hectares from last year. No official estimate is available for corn area in the developing agricultural sector, which totaled 515,000 hectares in 2000/01. Several factors encouraged South African farmers to expand corn area in 2001/02, including high domestic corn prices, low stock levels, strong export demand, and favorable weather at the start of the 2001/02 planting season, which began in October 2001. However, unusually heavy rainfall in November caused localized flooding and lengthy planting delays in western and southern crop areas, forcing some farmers to abandon planned acreage or switch to alternative crops such as sunflowers.

The current weather is generally favorable for the 2001/02 corn crop, which is now in the vegetative to reproductive growth stage. Recent moderate to heavy showers improved moisture conditions for reproductive crops in the eastern corn belt, which had been trending drier than normal for a few weeks. Meanwhile, late-planted vegetative corn in Free State and North West benefited from drier weather during the first week of February. Near-normal temperatures (highs from 25 to 30 degrees C) created good conditions for pollination, which usually occurs from mid-January to mid-February. According to satellite imagery and local reports, the crop appears to be growing well, with few signs of heat stress, insect damage, or disease.



### **Australia: Wheat Production Forecast Rises**

The 2001/02 wheat crop is forecast at 23.5 million tons, up 1.5 million or 7 percent from last month, but down 0.2 million or 1 percent from last year. Estimated area is 12.0 million hectares, unchanged from last month, but down 1.0 million or 8 percent from last year. Preliminary harvest information indicates larger crops in South Australia and Western Australia than earlier forecast. The Australia winter growing season began with dryness in the western and northeastern wheat areas. However, the minimal rains were timely and proved sufficient for supporting crop growth and averting the earlier anticipated sharp yield declines in drought-affected Western Australia. South Australia conditions were excellent and yields could achieve a record high.

### **Australia: Barley Production Forecast Increased**

The 2001/02 barley crop is forecast at 7.3 million tons, up 0.3 million or 4 percent from last month and up 0.1 million or 1 percent from last year. Estimated area is unchanged at 3.7 million hectares, similar to last year. Preliminary harvest information indicates potentially record crop size in South Australia and better than expected output in drought affected Western Australia. Historically, South Australia produces approximately 40 percent of Australia's barley.

### **Philippines: Copra Prospects Lifted by Favorable Precipitation**

Copra production in 2001/02 is up 19 percent from the previous forecast of 2.1 million tons, to 2.5 million, equal to last year's output. Previous estimates forecast a year-to-year decline after two years of good production; however, favorable precipitation has helped boost production prospects. The Philippines tends to receive below average rainfall during an El Niño weather pattern, and above average rainfall during La Niña, but conditions are currently neutral. Around half of the total area planted to coconut trees in the Philippines is located on the southern island of Mindanao. The Philippines is the world's largest producer of copra (which is used to make coconut oil) accounting for almost 44 percent of world output in 2000/01.



**TABLE 1**  
**U.S. Crop Acreage, Yield, and Production**

COMMODITY	Planted Area			Harvested Area			Yield			Production		
	1999/00	2000/01	Proj.	1999/00	2000/01	Proj.	1999/00	2000/01	2001/02 Proj.	1999/00	2000/01	2001/02 Proj.
	--Million acres--			--Million acres--			--Bushels per acre--			--Million bushels--		
All Wheat	62.7	62.6	59.6	53.8	53.1	48.7	42.7	42.0	40.2	2,299	2,232	1,958
Winter	46.4	43.4	41.1	40.1	35.1	31.3	46.9	44.7	43.5	1,881	1,566	1,361
Other	16.3	19.2	18.5	13.7	18.0	17.4	30.5	37.0	34.3	418	666	597
Soybeans	73.7	74.3	74.1	72.4	72.4	73.0	36.6	38.1	39.6	2,654	2,758	2,891
Corn	77.4	79.6	75.8	70.5	72.4	68.8	133.8	136.9	138.2	9,431	9,915	9,507
Sorghum	9.3	9.2	10.3	8.5	7.7	8.6	69.7	60.9	59.9	595	471	515
Barley	5.2	5.9	5.0	4.7	5.2	4.3	59.2	61.1	58.2	280	319	250
Oats	4.7	4.5	4.4	2.5	2.3	1.9	59.6	64.2	61.3	146	150	117
							--Pounds per acre--			--Million CWT--		
Rice	3.5	3.1	3.3	3.5	3.0	3.3	5,866	6,281	6,429	206.0	190.9	213.0
										--Million 480-pound bales--		
All Cotton	14.9	15.5	15.8	13.4	13.1	13.8	607	632	698	17.0	17.2	20.1



TABLE 2  
World Crop Production Summary

Commodity	World	Total Foreign	North America			Europe		FSU-12	Asia					South America		Selected Other			All Others		
			United States			Canada	Mexico		Europea Union	Oth. Europe	China	India	Indo-nesia	Paki-stan	Thai-land	Argen-tina	Brazil	Aus-tralia		South Africa	Turkey

---Million metric tons---																					
Wheat	1999/00	586.0	523.4	62.6	26.9	3.1	96.8	0.9	28.2	64.7	113.9	70.8	0.0	17.9	0.0	15.7	2.4	24.8	1.7	16.5	39.3
2000/01 prel.	582.8	522.1	60.8	26.8	3.3	105.3	0.9	28.4	63.1	99.6	75.8	0.0	21.1	0.0	16.5	1.7	23.8	2.3	17.5	36.0	
2001/02 proj.																					
Jan.	578.5	525.2	53.3	21.3	3.3	92.2	0.9	35.9	91.7	94.0	68.5	0.0	19.0	0.0	16.5	3.0	22.0	2.5	15.0	39.6	
Feb.	578.6	525.4	53.3	21.3	3.3	91.8	0.9	35.9	91.3	94.0	68.5	0.0	19.0	0.0	15.7	3.0	23.5	2.5	15.0	39.8	
Coarse Grains																					
1999/00	876.6	613.4	263.2	26.8	26.2	103.0	1.7	54.6	40.5	137.2	30.5	6.2	1.8	4.1	21.5	32.6	8.7	11.1	9.2	97.8	
2000/01 prel.	857.4	584.2	273.1	24.3	24.3	108.3	1.7	35.9	49.5	114.0	29.2	5.5	1.8	4.9	19.5	42.6	10.8	7.8	10.1	93.9	
2001/02 proj.																					
Jan.	870.5	608.7	261.9	22.9	25.3	106.7	1.7	51.8	61.7	116.2	29.3	6.0	1.8	4.6	15.5	37.1	11.1	9.4	9.2	98.4	
Feb.	869.7	607.9	261.9	22.9	25.3	106.3	1.7	51.8	61.6	116.2	29.3	6.0	1.8	4.6	15.5	37.1	11.4	8.9	9.2	98.3	
Rice (Milled)																					
1999/00	408.5	402.0	6.5	0.0	0.3	1.8	0.0	0.0	0.9	138.9	89.5	33.4	5.2	16.5	0.6	7.8	0.8	0.0	0.2	106.2	
2000/01 prel.	397.0	391.0	5.9	0.0	0.2	1.6	0.0	0.0	0.7	131.5	86.3	32.0	4.7	16.9	0.5	7.1	1.3	0.0	0.2	108.1	
2001/02 proj.																					
Jan.	392.6	386.0	6.6	0.0	0.3	1.6	0.0	0.0	0.6	126.7	89.0	32.5	3.7	16.8	0.5	7.5	1.0	0.0	0.2	105.6	
Feb.	392.2	385.6	6.6	0.0	0.2	1.6	0.0	0.0	0.6	126.7	89.0	32.5	3.7	16.5	0.5	7.5	1.0	0.0	0.2	105.6	
Total Grains 1/																					
1999/00	1,871.0	1,538.7	332.2	53.7	29.5	201.5	2.6	82.9	106.1	390.0	190.7	39.6	24.8	20.6	37.8	42.7	34.2	12.8	25.9	243.2	
2000/01 prel.	1,837.2	1,497.3	339.8	51.1	27.8	215.2	2.6	64.3	113.4	345.1	191.3	37.5	27.6	21.8	36.5	51.4	35.9	10.2	27.8	237.9	
2001/02 proj.																					
Jan.	1,841.6	1,519.9	321.7	44.2	28.8	200.4	2.6	87.6	153.9	336.9	186.8	38.5	24.6	21.4	32.5	47.6	34.1	11.9	24.4	243.6	
Feb.	1,840.6	1,518.9	321.7	44.2	28.7	199.7	2.6	87.6	153.4	336.9	186.8	38.5	24.6	21.1	31.7	47.6	35.9	11.4	24.4	243.8	
Oilseeds 2/																					
1999/00	303.3	221.0	82.3	11.7	0.5	16.7	0.1	6.5	11.0	45.8	22.3	2.3	4.4	0.5	27.8	35.6	3.8	0.9	2.2	29.0	
2000/01 prel.	312.6	227.7	84.9	9.9	0.4	14.2	0.1	4.7	11.3	51.1	20.7	2.1	4.0	0.5	31.2	40.6	3.2	1.2	1.9	30.7	
2001/02 proj.																					
Jan.	323.4	233.4	89.9	6.7	0.4	14.0	0.1	5.2	9.2	53.0	24.4	2.2	3.7	0.5	32.7	44.1	2.9	1.2	1.9	31.3	
Feb.	323.8	233.9	89.9	6.7	0.4	14.0	0.1	5.2	9.2	53.0	24.4	2.2	3.8	0.5	32.6	44.1	2.9	1.2	1.9	31.8	
---Million 480 pound bales---																					
Cotton																					
1999/00	87.3	70.4	17.0	0.0	0.7	2.6	0.0	0.0	7.3	17.6	12.2	0.0	8.6	0.0	0.6	3.1	3.5	0.1	3.6	10.4	
2000/01 prel.	88.5	71.3	17.2	0.0	0.4	2.5	0.0	0.0	6.4	20.3	10.9	0.0	8.2	0.0	0.7	4.1	3.7	0.2	3.6	10.3	
2001/02 proj.																					
Jan.	96.7	76.6	20.1	0.0	0.4	2.4	0.0	0.0	7.2	24.4	11.8	0.0	7.6	0.0	0.3	3.3	3.0	0.1	4.1	11.9	
Feb.	96.9	76.8	20.1	0.0	0.4	2.4	0.0	0.0	7.2	24.4	11.8	0.0	7.8	0.0	0.3	3.3	3.0	0.1	3.9	12.0	

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.

Note: Entries of 0.0 indicate no reported or insignificant production.

February 2002

Production Estimates and Crop Assessment Division, FAS, USDA



**TABLE 3**  
**Wheat Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT			
World	216.64	218.92	214.59	214.97	2.70	2.66	2.70	2.69	585.97	582.83	578.45	578.64	0.19	0.03	-4.18	-0.72
United States	21.78	21.50	19.69	19.69	2.87	2.83	2.71	2.71	62.57	60.76	53.28	53.28	0.00	0.00	-7.48	-12.31
Total Foreign	194.86	197.42	194.90	195.28	2.69	2.64	2.69	2.69	523.40	522.07	525.17	525.37	0.19	0.04	3.30	0.63
Major Exporters	45.78	48.25	46.37	46.44	3.59	3.57	3.28	3.28	164.13	172.38	151.96	152.26	0.30	0.20	-20.13	-11.67
European Union	17.09	17.89	16.67	16.64	5.66	5.89	5.53	5.51	96.77	105.31	92.16	91.76	-0.40	-0.43	-13.56	-12.87
France	5.11	5.20	4.83	4.83	7.24	7.22	6.63	6.63	37.00	37.53	32.00	32.00	0.00	0.00	-5.53	-14.72
United Kingdom	1.85	2.09	1.66	1.64	8.05	8.01	7.22	7.09	14.87	16.70	12.00	11.60	-0.40	-3.33	-5.10	-30.54
Germany	2.60	2.97	2.90	2.90	7.54	7.28	7.86	7.86	19.62	21.62	22.80	22.80	0.00	0.00	1.18	5.45
Canada	10.37	10.96	11.00	11.00	2.59	2.45	1.94	1.94	26.90	26.80	21.30	21.30	0.00	0.00	-5.50	-20.53
Australia	12.17	13.00	12.00	12.00	2.03	1.83	1.83	1.96	24.76	23.77	22.00	23.50	1.50	6.82	-0.27	-1.12
Argentina	6.15	6.39	6.70	6.80	2.55	2.58	2.46	2.31	15.70	16.50	16.50	15.70	-0.80	-4.85	-0.80	-4.85
Major Importers	90.42	90.68	92.36	92.68	2.52	2.31	2.63	2.62	227.54	209.85	242.88	242.76	-0.12	-0.05	32.91	15.68
China	28.86	26.65	25.20	25.20	3.95	3.74	3.73	3.73	113.88	99.64	94.00	94.00	0.00	0.00	-5.64	-5.66
FSU-12	41.81	42.93	45.42	45.72	1.55	1.47	2.02	2.00	64.75	63.12	91.66	91.28	-0.38	-0.41	28.16	44.61
Russia	23.00	23.20	23.80	23.80	1.35	1.48	1.97	1.97	31.00	34.45	47.00	46.90	-0.10	-0.21	12.45	36.14
Ukraine	5.93	5.16	6.90	6.90	2.29	1.98	3.09	3.09	13.59	10.20	21.30	21.30	0.00	0.00	11.10	108.88
Kazakhstan	8.73	10.50	10.40	10.70	1.28	0.87	1.25	1.19	11.20	9.10	13.00	12.70	-0.30	-2.31	3.60	39.56
Baltic States	0.55	0.60	0.56	0.57	2.40	3.03	2.39	2.77	1.31	1.81	1.33	1.59	0.26	19.77	-0.22	-12.27
Eastern Europe	8.23	8.94	9.90	9.90	3.43	3.18	3.62	3.62	28.20	28.39	35.86	35.86	0.00	0.00	7.48	26.33
Poland	2.58	2.64	2.65	2.65	3.50	3.23	3.51	3.51	9.05	8.50	9.30	9.30	0.00	0.00	0.80	9.41
Iran	6.00	6.00	6.00	6.00	1.42	1.25	1.25	1.25	8.50	7.50	7.50	7.50	0.00	0.00	0.00	0.00
Egypt	1.04	1.19	1.00	1.00	6.14	5.34	6.22	6.22	6.35	6.35	6.23	6.23	0.00	0.00	-0.12	-1.89
Morocco	2.69	2.90	2.70	2.70	0.80	0.48	1.22	1.22	2.15	1.38	3.30	3.30	0.00	0.00	1.92	138.96
Brazil	1.25	1.47	1.59	1.59	1.92	1.13	1.89	1.89	2.40	1.66	3.00	3.00	0.00	0.00	1.34	80.72
Other Foreign	58.66	58.50	56.18	56.16	2.25	2.39	2.32	2.32	131.73	139.84	130.34	130.35	0.01	0.01	-9.49	-6.79
India	27.40	27.43	25.00	25.00	2.58	2.76	2.74	2.74	70.78	75.75	68.50	68.50	0.00	0.00	-7.25	-9.58
Turkey	8.65	8.70	8.60	8.60	1.91	2.01	1.74	1.74	16.50	17.50	15.00	15.00	0.00	0.00	-2.50	-14.29
Pakistan	8.23	8.46	8.30	8.30	2.17	2.49	2.29	2.29	17.85	21.08	19.00	19.00	0.00	0.00	-2.08	-9.86
Mexico	0.64	0.68	0.69	0.69	4.77	4.85	4.71	4.71	3.05	3.30	3.25	3.25	0.00	0.00	-0.05	-1.52
Saudi Arabia	0.40	0.40	0.40	0.40	4.50	4.50	4.50	4.50	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
South Africa	0.72	0.93	0.96	0.96	2.40	2.51	2.57	2.60	1.73	2.35	2.46	2.49	0.03	1.22	0.14	6.00
Others	12.62	11.89	12.23	12.21	1.59	1.52	1.66	1.66	20.02	18.06	20.33	20.31	-0.02	-0.10	2.25	12.46



TABLE 4

# Total Coarse Grain Area, Yield, and Production

## World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
World United States Total Foreign  Major Exporters Canada Argentina Australia South Africa China	Million hectares				Metric tons per hectare				Million metric tons							
	300.54	295.61	299.18	298.61	2.92	2.90	2.91	2.91	876.56	857.35	870.54	869.74	-0.80	-0.09	12.40	1.45
	35.05	35.62	33.93	33.93	7.51	7.67	7.72	7.72	263.17	273.13	261.86	261.86	0.00	0.00	-11.27	-4.13
	265.50	259.99	265.25	264.68	2.31	2.25	2.29	2.30	613.39	584.22	608.68	607.88	-0.80	-0.13	23.66	4.05
	49.55	47.03	47.39	47.28	4.14	3.75	3.69	3.70	205.25	176.50	175.11	174.90	-0.20	-0.12	-1.59	-0.90
	6.93	7.12	7.10	7.10	3.87	3.42	3.23	3.23	26.83	24.33	22.94	22.94	0.00	0.00	-1.39	-5.72
	4.32	3.94	3.34	3.34	4.96	4.96	4.65	4.65	21.46	19.53	15.51	15.51	0.00	0.00	-4.01	-20.55
	3.93	5.34	5.44	5.44	2.21	2.03	2.04	2.10	8.69	10.85	11.09	11.39	0.30	2.71	0.54	5.02
	4.78	4.11	4.39	4.28	2.31	1.91	2.14	2.08	11.05	7.85	9.41	8.91	-0.50	-5.36	1.06	13.48
	29.58	26.53	27.13	27.13	4.64	4.30	4.28	4.28	137.22	113.95	116.16	116.16	0.00	0.00	2.21	1.94
Major Importers FSU-12 Russia Ukraine Kazakhstan Baltic States European Union Germany France Eastern Europe Poland Romania Czech Rep. Mexico Other W. Europe																
	77.70	76.69	79.42	79.15	2.93	2.89	3.14	3.14	227.74	221.92	249.12	248.57	-0.56	-0.22	26.65	12.01
	31.81	31.23	32.87	32.83	1.27	1.59	1.88	1.88	40.46	49.52	61.67	61.58	-0.09	-0.14	12.07	24.37
	20.90	19.60	20.60	20.60	1.04	1.44	1.70	1.71	21.80	28.20	35.00	35.15	0.15	0.43	6.95	24.65
	5.84	6.45	6.90	6.90	1.81	2.01	2.46	2.46	10.59	12.99	17.00	16.97	-0.03	-0.21	3.97	30.57
	2.03	1.97	2.05	2.07	1.34	1.05	1.32	1.26	2.72	2.08	2.70	2.60	-0.10	-3.70	0.52	25.30
	1.11	1.01	1.14	0.92	1.58	2.20	1.78	2.08	1.75	2.23	2.02	1.92	-0.10	-4.90	-0.31	-13.93
	19.03	19.40	19.32	19.31	5.41	5.58	5.52	5.51	103.01	108.29	106.69	106.32	-0.37	-0.35	-1.97	-1.82
	4.03	4.05	4.09	4.09	6.16	5.84	6.49	6.49	24.84	23.65	26.50	26.50	0.00	0.00	2.85	12.05
	3.74	3.85	3.98	3.98	7.33	7.45	7.18	7.18	27.43	28.67	28.53	28.53	0.00	0.00	-0.14	-0.49
Other Foreign Thailand India Brazil Turkey Indonesia Philippines Others																
	15.84	14.90	15.68	15.68	3.45	2.41	3.30	3.30	54.65	35.89	51.75	51.75	0.00	0.00	15.86	44.21
	6.12	6.18	6.09	6.09	2.73	2.24	2.66	2.66	16.70	13.84	16.16	16.16	0.00	0.00	2.32	16.75
	3.83	3.30	3.75	3.75	3.12	1.71	2.75	2.75	11.95	5.66	10.31	10.31	0.00	0.00	4.65	82.23
	0.69	0.63	0.65	0.65	4.01	3.50	4.14	4.14	2.77	2.22	2.67	2.67	0.00	0.00	0.45	20.41
	9.54	9.79	10.05	10.05	2.74	2.48	2.52	2.52	26.18	24.30	25.30	25.30	0.00	0.00	1.00	4.12
	0.37	0.37	0.37	0.37	4.58	4.58	4.58	4.58	1.70	1.70	1.70	1.70	0.00	0.00	0.00	0.00
	138.24	136.28	138.43	138.25	1.30	1.36	1.33	1.33	180.40	185.80	184.45	184.41	-0.04	-0.02	-1.39	-0.75
	1.31	1.37	1.34	1.34	3.13	3.58	3.43	3.43	4.10	4.90	4.60	4.60	0.00	0.00	-0.30	-6.12
	29.52	28.26	28.85	28.85	1.03	1.03	1.02	1.02	30.48	29.21	29.30	29.30	0.00	0.00	0.09	0.31



**TABLE 5**  
**Corn Area, Yield, and Production**  
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
World																
United States	139.04	136.49	136.27	136.16	4.37	4.29	4.28	4.28	607.08	585.59	583.40	583.08	-0.33	-0.06	-2.52	-0.43
Total Foreign	28.53	29.32	27.85	27.85	8.40	8.59	8.67	8.67	239.55	251.85	241.49	241.49	0.00	0.00	-10.37	-4.12
	110.52	107.17	108.42	108.32	3.33	3.11	3.15	3.15	367.53	333.74	341.92	341.59	-0.32	-0.10	7.85	2.35
Major Exporters																
Argentina	32.82	29.07	29.15	29.05	4.75	4.44	4.41	4.41	155.85	129.00	128.50	128.00	-0.50	-0.39	-1.00	-0.78
South Africa	3.10	2.75	2.15	2.15	5.55	5.65	5.35	5.35	17.20	15.50	11.50	11.50	0.00	0.00	-4.00	-25.81
China	3.81	3.23	3.50	3.40	2.77	2.33	2.57	2.50	10.56	7.50	9.00	8.50	-0.50	-5.56	1.00	13.33
	25.90	23.10	23.50	23.50	4.94	4.59	4.60	4.60	128.09	106.00	108.00	108.00	0.00	0.00	2.00	1.89
Major Importers																
Eastern Europe	20.55	20.98	21.79	21.78	4.50	3.84	4.20	4.21	92.52	80.62	91.52	91.72	0.20	0.22	11.10	13.77
Romania	6.87	6.30	6.96	6.96	4.47	2.67	4.03	4.03	30.71	16.79	28.04	28.04	0.00	0.00	11.26	67.07
Serbia	3.00	2.70	3.00	3.00	3.50	1.67	2.80	2.80	10.50	4.50	8.40	8.40	0.00	0.00	3.90	86.67
European Union	1.27	1.21	1.30	1.30	4.85	2.44	4.77	4.77	6.14	2.94	6.20	6.20	0.00	0.00	3.26	110.60
France	4.12	4.22	4.37	4.37	9.02	9.07	8.90	8.92	37.17	38.29	38.86	38.96	0.10	0.26	0.67	1.75
Italy	1.76	1.83	1.85	1.85	8.89	8.98	8.92	8.92	15.64	16.47	16.50	16.50	0.00	0.00	0.03	0.18
Mexico	1.03	1.06	1.11	1.11	9.74	9.53	8.98	8.98	10.02	10.14	10.00	10.00	0.00	0.00	-0.14	-1.35
FSU-12	7.26	7.51	7.70	7.70	2.65	2.36	2.34	2.34	19.24	17.70	18.00	18.00	0.00	0.00	0.30	1.69
Russia	2.26	2.90	2.71	2.71	2.25	2.59	2.32	2.36	5.08	7.52	6.30	6.40	0.10	1.59	-1.12	-14.94
Ukraine	0.70	0.80	0.70	0.70	1.57	1.94	1.14	1.14	1.10	1.55	0.80	0.80	0.00	0.00	-0.75	-48.39
Other W. Europe	0.69	1.28	1.15	1.15	2.52	3.01	2.96	3.13	1.74	3.85	3.40	3.60	0.20	5.88	-0.25	-6.44
Others	0.03	0.03	0.03	0.03	8.80	8.80	8.80	8.80	0.22	0.22	0.22	0.22	0.00	0.00	0.00	0.00
	0.03	0.03	0.03	0.03	4.00	4.04	4.04	4.04	0.10	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Other Foreign																
Thailand	57.15	57.12	57.48	57.48	2.09	2.17	2.12	2.12	119.16	124.12	121.89	121.87	-0.02	-0.02	-2.25	-1.81
Brazil	1.15	1.21	1.18	1.18	3.39	3.88	3.73	3.73	3.90	4.70	4.40	4.40	0.00	0.00	-0.30	-6.38
India	12.58	13.57	12.80	12.80	2.52	3.06	2.81	2.81	31.64	41.54	36.00	36.00	0.00	0.00	-5.54	-13.33
Canada	6.43	6.55	6.40	6.40	1.78	1.81	1.77	1.77	11.47	11.84	11.30	11.30	0.00	0.00	-0.54	-4.56
Indonesia	1.14	1.03	1.23	1.23	8.03	6.63	6.67	6.67	9.16	6.83	8.20	8.20	0.00	0.00	1.37	20.11
Philippines	3.00	3.00	3.00	3.00	2.07	1.83	2.00	2.00	6.20	5.50	6.00	6.00	0.00	0.00	0.50	9.09
Egypt	2.55	2.48	2.55	2.55	1.75	1.81	1.77	1.77	4.45	4.51	4.53	4.53	0.00	0.00	0.02	0.38
Zimbabwe	0.73	0.71	0.77	0.77	7.78	7.99	8.00	8.00	5.68	5.64	6.16	6.16	0.00	0.00	0.52	9.30
Others	1.42	1.22	1.20	1.20	1.52	1.17	1.08	1.08	2.15	1.43	1.30	1.30	0.00	0.00	-0.13	-8.90
	28.16	27.35	28.35	28.35	1.58	1.54	1.55	1.55	44.51	42.15	44.01	43.98	-0.02	-0.06	1.84	4.36



**TABLE 6**  
**Barley Area, Yield, and Production**  
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	From last month	From last year	From last year	From last year
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	55.27	55.08	57.07	56.89	2.31	2.45	2.49	2.49	127.84	135.01	142.09	141.77	-0.31	-0.22	6.76	5.01
United States	1.92	2.11	1.74	1.74	3.19	3.29	3.13	3.13	6.10	6.94	5.43	5.43	0.00	0.00	-1.51	-21.69
Total Foreign	53.35	52.97	55.33	55.15	2.28	2.42	2.47	2.47	121.74	128.07	136.65	136.34	-0.31	-0.23	8.27	6.46
European Union	10.85	10.84	10.67	10.66	4.51	4.79	4.56	4.52	48.90	51.94	48.68	48.23	-0.45	-0.92	-3.72	-7.16
Denmark	0.73	0.74	0.74	0.74	5.05	5.37	5.41	5.41	3.68	3.98	4.00	4.00	0.00	0.00	0.02	0.50
France	1.53	1.57	1.70	1.70	6.22	6.31	5.82	5.82	9.54	9.93	9.90	9.90	0.00	0.00	-0.03	-0.25
Germany	2.21	2.07	2.10	2.10	6.02	5.85	6.43	6.43	13.30	12.11	13.50	13.50	0.00	0.00	1.39	11.51
Italy	0.35	0.34	0.34	0.34	3.72	3.67	3.49	3.49	1.31	1.26	1.19	1.19	0.00	0.00	-0.07	-5.71
Spain	3.11	3.31	2.90	2.90	2.39	3.41	2.24	2.16	7.43	11.28	6.50	6.25	-0.25	-3.85	-5.03	-44.61
United Kingdom	1.18	1.13	1.26	1.25	5.59	5.75	5.49	5.38	6.58	6.49	6.90	6.70	-0.20	-2.90	0.21	3.24
FSU-12	16.32	15.88	17.22	17.19	1.30	1.58	2.03	2.03	21.27	25.04	34.90	34.81	-0.09	-0.26	9.77	39.00
Russia	9.85	9.20	10.20	10.20	1.08	1.53	1.91	1.91	10.60	14.10	19.50	19.50	0.00	0.00	5.40	38.30
Ukraine	3.48	3.69	3.90	3.90	1.85	1.86	2.62	2.62	6.43	6.87	10.20	10.20	0.00	0.00	3.33	48.43
Kazakhstan	1.70	1.63	1.70	1.70	1.32	1.03	1.35	1.29	2.25	1.68	2.30	2.20	-0.10	-4.35	0.53	31.34
Baltic States	0.73	0.65	0.73	0.60	1.58	2.25	1.88	2.19	1.16	1.47	1.37	1.31	-0.06	-4.67	-0.16	-11.10
Eastern Europe	3.29	2.97	3.19	3.19	2.95	2.58	3.21	3.21	9.69	7.67	10.22	10.22	0.00	0.00	2.55	33.28
Poland	1.11	1.10	1.10	1.10	3.07	2.54	3.00	3.00	3.40	2.78	3.30	3.30	0.00	0.00	0.52	18.58
Czech Rep.	0.54	0.50	0.50	0.50	3.94	3.29	4.04	4.04	2.14	1.63	2.02	2.02	0.00	0.00	0.39	23.88
Romania	0.55	0.35	0.50	0.50	1.85	2.14	3.00	3.00	1.02	0.75	1.50	1.50	0.00	0.00	0.75	100.00
Canada	4.07	4.55	4.35	4.35	3.24	2.96	2.62	2.62	13.20	13.47	11.40	11.40	0.00	0.00	-2.07	-15.35
Other W. Europe	0.23	0.23	0.23	0.23	4.19	4.19	4.19	4.19	0.94	0.94	0.94	0.94	0.00	0.00	0.00	0.00
Norway	0.18	0.18	0.18	0.18	3.53	3.53	3.53	3.53	0.62	0.62	0.62	0.62	0.00	0.00	0.00	0.00
Turkey	3.55	3.60	3.60	3.60	1.86	2.06	1.81	1.81	6.60	7.40	6.50	6.50	0.00	0.00	-0.90	-12.16
Australia	2.60	3.68	3.70	3.70	1.94	1.96	1.89	1.97	5.03	7.20	7.00	7.30	0.30	4.29	0.10	1.45
China	0.87	0.79	0.80	0.80	3.42	3.35	3.16	3.16	2.97	2.65	2.53	2.53	0.00	0.00	-0.12	-4.35
Morocco	2.07	2.25	2.10	2.10	0.71	0.21	0.55	0.55	1.47	0.47	1.15	1.15	0.00	0.00	0.68	146.25
India	0.78	0.73	0.75	0.75	1.88	2.01	2.00	2.00	1.47	1.46	1.50	1.50	0.00	0.00	0.04	2.74
Others	8.00	6.81	7.99	7.99	1.13	1.23	1.31	1.31	9.03	8.37	10.46	10.45	-0.01	-0.09	2.09	24.94



**TABLE 7**  
**Oats Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1999/00	2000/01	2001/02	Proj.	1999/00	2000/01	2001/02	Proj.	1999/00	2000/01	2001/02	Proj.	MMT	Percent	MMT	Percent
			Jan.	Feb.			Jan.	Feb.								
	Million hectares				Metric tons per hectare				Million metric tons							
World	14.86	13.79	14.16	14.14	1.61	1.86	1.86	1.91	23.99	25.69	26.29	26.96	0.67	2.56	1.27	4.94
United States	0.99	0.94	0.77	0.77	2.14	2.30	2.20	2.20	2.12	2.17	1.70	1.70	0.00	0.00	-0.48	-21.88
Total Foreign	13.87	12.84	13.39	13.37	1.58	1.83	1.84	1.89	21.87	23.52	24.59	25.26	0.67	2.74	1.75	7.42
FSU-12	6.32	5.39	5.91	5.91	0.91	1.39	1.49	1.61	5.74	7.49	8.80	9.49	0.69	7.87	2.00	26.67
Russia	5.35	4.50	4.90	4.90	0.82	1.33	1.43	1.57	4.40	6.00	7.00	7.70	0.70	10.00	1.70	28.33
Ukraine	0.53	0.48	0.60	0.60	1.43	1.83	1.83	1.83	0.76	0.88	1.10	1.10	0.00	0.00	0.22	24.86
Belarus	0.29	0.30	0.30	0.30	1.26	1.73	2.00	2.00	0.37	0.52	0.60	0.60	0.00	0.00	0.08	15.38
Baltic States	0.16	0.14	0.16	0.14	1.29	1.96	1.50	1.67	0.20	0.28	0.24	0.24	-0.00	-0.00	-0.04	-14.29
Maj. Foreign Exporters	2.22	2.23	2.27	2.27	2.32	2.20	1.98	1.98	5.15	4.90	4.50	4.50	0.00	0.00	-0.40	-8.17
Canada	1.40	1.30	1.28	1.28	2.60	2.61	2.16	2.16	3.64	3.39	2.77	2.77	0.00	0.00	-0.62	-18.26
Australia	0.58	0.70	0.78	0.78	1.91	1.62	1.77	1.77	1.12	1.13	1.38	1.38	0.00	0.00	0.24	21.57
Argentina	0.24	0.23	0.21	0.21	1.65	1.61	1.67	1.67	0.40	0.38	0.35	0.35	0.00	0.00	-0.03	-6.67
Other Foreign	5.17	5.08	5.05	5.05	2.09	2.14	2.19	2.18	10.77	10.85	11.05	11.03	-0.02	-0.18	0.19	1.71
China	0.50	0.50	0.50	0.50	1.20	1.20	1.20	1.20	0.60	0.60	0.60	0.60	0.00	0.00	0.00	0.00
European Union	1.92	1.95	1.89	1.89	3.18	3.49	3.51	3.50	6.11	6.81	6.64	6.62	-0.02	-0.30	-0.18	-2.72
France	0.12	0.11	0.11	0.11	4.52	4.55	4.29	4.29	0.55	0.50	0.45	0.45	0.00	0.00	-0.05	-10.00
Germany	0.27	0.24	0.21	0.21	5.00	4.59	5.24	5.24	1.34	1.09	1.10	1.10	0.00	0.00	0.01	1.20
Italy	0.14	0.15	0.15	0.15	2.42	2.47	2.33	2.33	0.35	0.37	0.35	0.35	0.00	0.00	-0.02	-5.41
Finland	0.39	0.40	0.40	0.40	2.54	3.50	3.50	3.50	0.99	1.40	1.40	1.40	0.00	0.00	0.00	0.00
Sweden	0.31	0.32	0.28	0.28	3.87	4.13	4.18	4.18	1.20	1.30	1.15	1.15	0.00	0.00	-0.15	-11.54
Eastern Europe	1.15	1.10	1.09	1.09	2.20	1.80	2.12	2.12	2.54	1.97	2.31	2.31	0.00	0.00	0.34	17.34
Czech Rep.	0.06	0.05	0.05	0.05	3.18	2.72	3.02	3.02	0.18	0.14	0.15	0.15	0.00	0.00	0.02	11.03
Poland	0.57	0.57	0.56	0.56	2.53	1.89	2.32	2.32	1.45	1.07	1.30	1.30	0.00	0.00	0.23	21.50
Serbia	0.07	0.06	0.07	0.07	1.82	1.52	1.92	1.92	0.12	0.10	0.13	0.13	0.00	0.00	0.03	30.21
Norway	0.10	0.10	0.10	0.10	4.25	4.25	4.25	4.25	0.41	0.41	0.41	0.41	0.00	0.00	0.00	0.00
Turkey	0.15	0.15	0.15	0.15	1.72	1.72	1.72	1.72	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Others	1.35	1.29	1.33	1.33	0.64	0.63	0.63	0.63	0.86	0.81	0.84	0.84	0.00	0.00	0.03	3.69



TABLE 8

# Rye Area, Yield, and Production

## World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	9.11	9.31	9.64	9.58	2.12	2.05	2.41	2.38	19.28	19.07	23.26	22.82	-0.44	-1.89	3.75	19.64
United States	0.16	0.12	0.10	0.10	1.81	1.78	1.72	1.72	0.28	0.21	0.18	0.18	0.00	0.00	-0.04	-16.90
Total Foreign	8.96	9.19	9.54	9.47	2.12	2.05	2.42	2.39	19.00	18.86	23.08	22.64	-0.44	-1.91	3.78	20.05
FSU-12	4.68	4.99	5.37	5.37	1.42	1.59	1.95	1.87	6.67	7.92	10.46	10.05	-0.40	-3.87	2.13	26.96
Russia	3.40	3.50	3.60	3.60	1.41	1.56	1.94	1.83	4.80	5.45	7.00	6.60	-0.40	-5.71	1.15	21.10
Ukraine	0.62	0.64	0.90	0.90	1.48	1.52	2.00	2.00	0.92	0.97	1.80	1.80	0.00	0.00	0.83	86.34
Belarus	0.64	0.78	0.80	0.80	1.45	1.86	2.00	2.00	0.93	1.45	1.60	1.60	0.00	0.00	0.15	10.34
Baltic States	0.22	0.22	0.25	0.18	1.77	2.23	1.67	2.06	0.39	0.48	0.41	0.38	-0.04	-8.54	-0.11	-22.36
Major Exporter																
Canada	0.17	0.12	0.10	0.10	2.29	2.26	1.90	1.90	0.39	0.26	0.19	0.19	0.00	0.00	-0.07	-26.92
Other Foreign	3.88	3.87	3.82	3.82	2.98	2.64	3.15	3.15	11.55	10.20	12.03	12.03	0.00	0.00	1.83	17.90
Eastern Europe	2.43	2.31	2.29	2.29	2.32	1.91	2.36	2.36	5.65	4.41	5.41	5.41	0.00	0.00	1.00	22.69
Hungary	0.04	0.04	0.05	0.05	2.00	2.00	2.42	2.42	0.08	0.08	0.12	0.12	0.00	0.00	0.04	51.25
Poland	2.24	2.13	2.10	2.10	2.31	1.88	2.33	2.33	5.18	4.00	4.90	4.90	0.00	0.00	0.90	22.41
Czech Rep.	0.06	0.04	0.04	0.04	3.64	3.41	3.85	3.85	0.20	0.15	0.15	0.15	0.00	0.00	0.00	2.67
European Union	1.15	1.25	1.23	1.23	4.81	4.32	5.08	5.08	5.52	5.41	6.24	6.24	0.00	0.00	0.83	15.37
Denmark	0.05	0.05	0.06	0.06	4.86	5.14	5.50	5.50	0.25	0.26	0.33	0.33	0.00	0.00	0.07	25.95
France	0.04	0.04	0.03	0.03	4.54	4.57	4.17	4.17	0.19	0.16	0.13	0.13	0.00	0.00	-0.04	-21.88
Germany	0.75	0.84	0.82	0.82	5.79	4.93	6.13	6.13	4.33	4.15	5.00	5.00	0.00	0.00	0.85	20.37
Spain	0.12	0.12	0.12	0.12	1.78	2.04	2.04	2.04	0.22	0.24	0.24	0.24	0.00	0.00	0.00	0.00
Austria	0.06	0.05	0.05	0.05	3.89	3.27	3.27	3.27	0.22	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Sweden	0.02	0.02	0.02	0.02	5.42	5.42	5.42	5.42	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00
Turkey	0.18	0.18	0.18	0.18	1.39	1.39	1.39	1.39	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Others	0.13	0.13	0.12	0.12	1.10	1.03	1.04	1.04	0.14	0.13	0.13	0.13	-0.00	-0.00	-0.01	-4.55



**TABLE 9**  
**Sorghum Area, Yield, and Production**  
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	40.62	40.28	40.70	40.51	1.46	1.33	1.36	1.36	59.12	53.76	55.27	55.26	-0.01	-0.02	1.51	2.80
United States	3.46	3.13	3.47	3.47	4.37	3.82	3.76	3.76	15.12	11.95	13.07	13.07	0.00	0.00	1.12	9.35
Total Foreign	37.16	37.15	37.22	37.03	1.18	1.13	1.13	1.14	44.01	41.81	42.20	42.19	-0.01	-0.02	0.39	0.93
India	10.40	9.98	9.70	9.70	0.85	0.74	0.72	0.72	8.86	7.41	7.00	7.00	0.00	0.00	-0.41	-5.53
China	0.98	0.89	0.94	0.94	3.31	2.90	2.87	2.87	3.24	2.58	2.70	2.70	0.00	0.00	0.12	4.57
Mexico	1.97	1.93	2.00	2.00	3.24	3.12	3.35	3.35	6.39	6.00	6.70	6.70	0.00	0.00	0.70	11.67
Nigeria	6.60	6.70	6.75	6.75	1.14	1.16	1.16	1.16	7.50	7.80	7.80	7.80	0.00	0.00	0.00	0.00
Sudan	5.80	6.00	6.00	6.00	0.41	0.42	0.42	0.42	2.35	2.50	2.50	2.50	0.00	0.00	0.00	0.00
Argentina	0.72	0.67	0.65	0.65	4.63	4.63	4.62	4.62	3.35	3.10	3.00	3.00	0.00	0.00	-0.10	-3.23
Australia	0.62	0.82	0.80	0.80	3.40	2.58	2.75	2.75	2.12	2.11	2.20	2.20	0.00	0.00	0.09	4.31
Ethiopia	1.60	1.60	1.60	1.60	0.91	0.91	0.91	0.91	1.45	1.45	1.45	1.45	0.00	0.00	0.00	0.00
Colombia	0.06	0.06	0.06	0.06	3.00	2.83	2.83	2.83	0.17	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Venezuela	0.26	0.26	0.26	0.26	1.77	1.50	1.50	1.50	0.46	0.39	0.39	0.39	0.00	0.00	0.00	0.00
Egypt	0.16	0.16	0.16	0.16	4.84	4.69	4.69	4.69	0.75	0.75	0.75	0.75	0.00	0.00	0.00	0.00
Yemen	0.40	0.40	0.40	0.40	0.90	0.90	0.90	0.90	0.36	0.36	0.36	0.36	0.00	0.00	0.00	0.00
Tanzania	0.50	0.50	0.50	0.50	0.80	0.80	0.80	0.80	0.40	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Niger	1.50	1.50	1.50	1.50	0.43	0.40	0.40	0.40	0.65	0.60	0.60	0.60	0.00	0.00	0.00	0.00
South Africa	0.14	0.09	0.10	0.08	2.48	1.99	2.11	2.44	0.35	0.18	0.20	0.20	0.00	0.00	0.03	14.29
Thailand	0.16	0.16	0.16	0.16	1.25	1.25	1.25	1.25	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Others	5.29	5.44	5.65	5.47	1.02	1.07	1.02	1.06	5.41	5.81	5.78	5.77	-0.01	-0.17	-0.04	-0.62



**TABLE 10**  
**Rice Area, Yield, and Production**  
World and Selected Countries and Regions

Country/Region	Area				Yield (Rough)				Production (Milled)				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	154.68	151.88	150.88	150.72	3.93	3.89	3.88	3.88	408.45	396.99	392.61	392.20	-0.41	-0.10	-4.79	-1.21
United States	1.42	1.23	1.34	1.34	6.58	7.04	7.21	7.21	6.50	5.94	6.57	6.57	0.00	0.00	0.63	10.60
Total Foreign	153.26	150.65	149.54	149.38	3.90	3.87	3.85	3.85	401.95	391.05	386.04	385.63	-0.41	-0.11	-5.42	-1.39
Major Exporters	65.12	64.53	64.23	64.08	3.05	2.99	3.05	3.05	132.06	128.37	130.17	129.84	-0.33	-0.25	1.47	1.14
Vietnam	7.66	7.49	7.45	7.45	4.14	4.14	4.19	4.19	20.93	20.47	20.60	20.60	0.00	0.00	0.13	0.62
Thailand	9.97	9.90	10.05	9.90	2.51	2.59	2.54	2.53	16.50	16.90	16.83	16.50	-0.33	-1.96	-0.40	-2.37
India	44.97	44.79	44.70	44.70	2.98	2.89	2.99	2.99	89.48	86.30	89.00	89.00	0.00	0.00	2.70	3.13
Pakistan	2.52	2.35	2.03	2.03	3.08	3.00	2.76	2.76	5.16	4.70	3.74	3.74	0.00	0.00	-0.96	-20.43
Major Importers	22.50	22.04	22.21	22.21	3.79	3.73	3.78	3.78	54.64	52.61	53.71	53.73	0.02	0.04	1.12	2.12
Indonesia	11.65	11.60	11.60	11.60	4.54	4.36	4.43	4.43	33.45	32.00	32.50	32.50	0.00	0.00	0.50	1.56
Brazil	3.68	3.25	3.37	3.37	3.11	3.20	3.26	3.26	7.77	7.06	7.48	7.48	0.00	0.00	0.42	5.92
European Union	0.40	0.40	0.39	0.39	6.79	6.02	6.25	6.34	1.75	1.56	1.59	1.61	0.02	1.38	0.05	3.40
Iran	0.45	0.43	0.40	0.40	4.00	4.00	4.00	4.00	1.20	1.13	1.07	1.07	0.00	0.00	-0.07	-5.83
Philippines	4.00	4.03	4.10	4.10	2.99	3.11	3.10	3.10	7.77	8.14	8.25	8.25	0.00	0.00	0.11	1.41
Nigeria	1.66	1.65	1.65	1.65	2.01	2.02	2.12	2.12	2.00	2.00	2.10	2.10	0.00	0.00	0.10	5.00
Other Foreign	65.64	64.08	63.10	63.08	4.79	4.79	4.68	4.68	215.25	210.06	202.16	202.06	-0.10	-0.05	-8.01	-3.81
China	31.28	29.96	29.20	29.20	6.34	6.27	6.20	6.20	138.94	131.54	126.70	126.70	0.00	0.00	-4.84	-3.68
Burma	6.00	6.00	6.00	6.00	2.83	3.10	2.83	2.83	9.86	10.77	9.86	9.86	0.00	0.00	-0.91	-8.46
Bangladesh	10.71	10.90	10.90	10.90	3.23	3.35	3.17	3.17	23.07	24.36	23.00	23.00	0.00	0.00	-1.36	-5.59
Japan	1.79	1.77	1.71	1.71	6.41	6.70	6.63	6.63	8.35	8.64	8.25	8.25	0.00	0.00	-0.39	-4.47
South Korea	1.07	1.07	1.07	1.07	6.63	6.71	7.00	7.00	5.26	5.29	5.52	5.52	0.00	0.00	0.22	4.23
Egypt	0.65	0.66	0.56	0.56	8.91	9.31	9.77	9.77	3.79	3.97	3.58	3.58	0.00	0.00	-0.39	-9.84
Taiwan	0.35	0.34	0.33	0.34	5.43	5.61	5.26	5.18	1.35	1.34	1.24	1.25	0.01	0.73	-0.10	-7.23
FSU-12	0.46	0.35	0.31	0.31	2.86	3.14	2.98	2.79	0.86	0.71	0.61	0.57	-0.04	-6.57	-0.14	-19.63
Russia	0.17	0.17	0.17	0.17	3.59	3.44	3.26	2.89	0.39	0.38	0.36	0.32	-0.04	-11.11	-0.06	-15.79
Australia	0.13	0.19	0.15	0.15	8.28	9.47	9.08	9.08	0.79	1.26	1.00	1.00	0.00	0.00	-0.26	-20.57
Others	13.19	12.84	12.85	12.83	2.68	2.66	2.69	2.68	22.99	22.19	22.42	22.34	-0.07	-0.33	0.15	0.68



TABLE 11

# Total Oilseed Area, Yield, and Production

## World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
World Total 1/ Total Foreign 1/ Copra Palm Kernel	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	303.31 220.99 5.44 6.40	312.58 227.69 5.71 6.86	323.36 233.45 5.29 7.20	323.80 233.89 5.69 7.20	0.44 0.44 0.40 0.00	0.14 0.19 7.56 0.00	11.22 6.20 -0.02 0.34	3.59 2.72 -0.37 4.99
Major Oilseeds 2/ United States 2/	175.09 37.15	174.12 36.81	177.49 37.33	177.44 37.33	1.66 2.22	1.72 2.31	1.75 2.41	1.75 2.41	291.46 82.32	300.01 84.89	310.87 89.91	310.91 89.91	0.04 0.00	0.01 0.00	10.90 5.02	3.63 5.92
Foreign Oilseeds 2/ South America	137.94 29.34	137.32 30.37	140.16 32.51	140.11 32.49	1.52 2.32	1.57 2.53	1.58 2.52	1.58 2.51	209.15 68.03	215.12 76.85	220.96 81.80	221.00 81.68	0.04 -0.12	0.02 -0.15	5.88 4.83	2.73 6.28
Brazil	14.51	15.03	16.58	16.58	2.45	2.70	2.66	2.66	35.58	40.62	44.07	44.07	0.00	0.00	3.45	8.48
Argentina	12.58	12.89	13.52	13.50	2.21	2.42	2.42	2.42	27.84	31.20	32.66	32.64	-0.02	-0.06	1.44	4.62
Paraguay	1.40	1.57	1.53	1.53	2.22	2.35	2.33	2.26	3.10	3.69	3.57	3.47	-0.10	-2.81	-0.22	-5.97
China	24.03	26.81	27.95	28.05	1.90	1.91	1.89	1.89	45.76	51.14	52.96	52.98	0.02	0.04	1.85	3.61
India	30.37	29.24	30.49	30.49	0.73	0.71	0.80	0.80	22.28	20.73	24.40	24.40	0.00	0.00	3.68	17.73
European Union	6.50	5.81	5.96	5.96	2.56	2.45	2.34	2.34	16.66	14.20	13.96	13.96	0.00	0.00	-0.25	-1.74
France	2.26	2.01	1.98	1.98	2.94	2.78	2.48	2.48	6.64	5.59	4.92	4.92	0.00	0.00	-0.67	-11.99
Italy	0.57	0.56	0.52	0.52	2.39	2.35	2.58	2.58	1.36	1.31	1.35	1.35	0.00	0.00	0.04	2.98
Germany	1.23	1.11	1.18	1.18	3.55	3.30	3.36	3.36	4.38	3.65	3.97	3.97	0.00	0.00	0.32	8.79
Spain	1.00	0.96	1.07	1.07	0.82	1.06	1.08	1.08	0.82	1.02	1.16	1.16	0.00	0.00	0.14	13.44
United Kingdom	0.54	0.40	0.44	0.44	3.23	2.88	2.61	2.61	1.74	1.16	1.15	1.15	0.00	0.00	-0.01	-0.61
FSU-12	12.44	11.36	10.35	10.21	0.89	0.99	0.89	0.90	11.02	11.29	9.22	9.23	0.01	0.05	-2.06	-18.23
Russia	6.27	5.19	4.47	4.47	0.74	0.85	0.72	0.72	4.62	4.41	3.20	3.20	0.00	0.00	-1.21	-27.40
Ukraine	3.05	3.06	2.71	2.57	0.96	1.19	0.92	0.94	2.91	3.65	2.48	2.42	-0.06	-2.42	-1.23	-33.75
Uzbekistan	1.50	1.42	1.43	1.43	1.43	1.36	1.47	1.47	2.15	1.92	2.10	2.10	0.00	0.00	0.18	9.37
Turkmenistan	0.48	0.48	0.50	0.50	0.88	0.74	0.70	0.70	0.42	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Canada	6.65	5.94	4.93	4.93	1.76	1.67	1.36	1.36	11.70	9.94	6.71	6.71	0.00	0.00	-3.23	-32.52
Indonesia	1.80	1.57	1.67	1.67	1.29	1.36	1.33	1.33	2.33	2.14	2.22	2.22	0.00	0.00	0.08	3.70
Pakistan	3.49	3.44	3.58	3.58	1.25	1.16	1.04	1.07	4.38	3.99	3.73	3.82	0.09	2.41	-0.18	-4.38
Eastern Europe	4.00	3.22	2.97	2.97	1.64	1.44	1.76	1.76	6.54	4.65	5.22	5.22	0.00	0.00	0.57	12.34
Poland	0.55	0.44	0.45	0.45	2.08	2.19	2.47	2.47	1.13	0.96	1.10	1.10	0.00	0.00	0.14	14.70
Romania	1.21	1.04	0.82	0.82	1.31	0.86	1.09	1.09	1.59	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Hungary	0.76	0.45	0.48	0.48	1.56	1.61	1.68	1.68	1.19	0.72	0.81	0.81	0.00	0.00	0.08	11.19
Turkey	1.32	1.25	1.31	1.29	1.67	1.48	1.48	1.46	2.21	1.85	1.94	1.89	-0.05	-2.58	0.03	1.89
Philippines	0.03	0.03	0.03	0.03	1.00	1.00	1.00	1.00	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Mexico	0.33	0.27	0.28	0.28	1.48	1.48	1.48	1.48	0.48	0.40	0.41	0.41	0.00	0.00	0.01	3.79
Others	17.65	18.01	18.13	18.15	1.01	1.00	1.01	1.02	17.75	17.94	18.37	18.47	0.10	0.52	0.53	2.97

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.



TABLE 12

# Soybean Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	71.77	75.28	77.96	78.07	2.23	2.32	2.35	2.34	159.88	174.65	182.83	182.91	0.08	0.04	8.26	4.73
United States	29.32	29.30	29.54	29.54	2.46	2.56	2.66	2.66	72.22	75.06	78.67	78.67	0.00	0.00	3.61	4.82
Total Foreign	42.46	45.98	48.42	48.53	2.06	2.17	2.15	2.15	87.66	99.60	104.16	104.24	0.08	0.08	4.65	4.67
Major Exporters	23.33	25.60	28.05	28.05	2.50	2.73	2.66	2.66	58.30	69.80	74.65	74.55	-0.10	-0.13	4.75	6.81
Brazil	13.60	13.97	15.65	15.65	2.51	2.78	2.72	2.72	34.20	38.80	42.50	42.50	0.00	0.00	3.70	9.54
Argentina	8.58	10.38	11.10	11.10	2.47	2.65	2.59	2.59	21.20	27.50	28.75	28.75	0.00	0.00	1.25	4.55
Paraguay	1.15	1.25	1.30	1.30	2.52	2.80	2.62	2.54	2.90	3.50	3.40	3.30	-0.10	-2.94	-0.20	-5.71
Other Foreign	19.12	20.38	20.37	20.47	1.54	1.46	1.45	1.45	29.36	29.80	29.51	29.69	0.18	0.61	-0.10	-0.35
China	8.00	9.20	9.00	9.10	1.79	1.67	1.70	1.70	14.29	15.40	15.30	15.45	0.15	0.98	0.05	0.32
India	5.65	5.80	5.80	5.80	0.92	0.91	0.97	0.97	5.20	5.25	5.60	5.60	0.00	0.00	0.35	6.67
Canada	1.00	1.06	1.01	1.01	2.77	2.55	1.58	1.58	2.78	2.70	1.60	1.60	0.00	0.00	-1.10	-40.70
Indonesia	1.10	0.90	1.00	1.00	1.18	1.28	1.20	1.20	1.30	1.15	1.20	1.20	0.00	0.00	0.05	4.35
Eastern Europe	0.27	0.25	0.22	0.22	2.49	1.23	2.12	2.12	0.67	0.31	0.46	0.46	0.00	0.00	0.15	47.12
European Union	0.37	0.35	0.39	0.39	3.13	3.01	3.20	3.20	1.15	1.04	1.25	1.25	0.00	0.00	0.21	20.02
FSU-12	0.48	0.40	0.51	0.50	0.79	1.01	0.82	0.80	0.38	0.41	0.42	0.40	-0.02	-4.76	-0.01	-1.48
Russia	0.44	0.34	0.45	0.45	0.76	1.01	0.78	0.78	0.33	0.34	0.35	0.35	0.00	0.00	0.01	2.34
Ukraine	0.04	0.06	0.06	0.05	1.07	1.05	1.17	1.00	0.05	0.06	0.07	0.05	-0.02	-28.57	-0.01	-21.88
Mexico	0.08	0.08	0.08	0.08	1.56	1.36	1.46	1.46	0.12	0.11	0.12	0.12	0.00	0.00	0.02	14.29
Thailand	0.22	0.23	0.23	0.23	1.50	1.43	1.43	1.43	0.33	0.33	0.33	0.33	0.00	0.00	0.00	0.00
North Korea	0.31	0.31	0.31	0.31	1.13	1.13	1.13	1.13	0.35	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Japan	0.11	0.12	0.13	0.14	1.73	1.91	1.76	1.88	0.19	0.24	0.22	0.27	0.05	22.73	0.04	14.89
Bolivia	0.59	0.60	0.60	0.60	2.04	1.58	1.83	1.83	1.20	0.95	1.10	1.10	0.00	0.00	0.15	15.79
South Korea	0.09	0.09	0.09	0.09	1.33	1.31	1.31	1.31	0.12	0.11	0.11	0.11	0.00	0.00	0.00	0.00
Colombia	0.03	0.03	0.03	0.03	2.21	2.00	2.00	2.00	0.06	0.05	0.06	0.06	0.00	0.00	0.01	11.54
Others	0.84	0.97	0.98	0.98	1.46	1.46	1.43	1.43	1.23	1.41	1.40	1.40	0.00	0.00	-0.01	-0.71



**TABLE 13**  
**Cottonseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
			Million hectares		Metric tons per hectare				Million metric tons							
World	31.35	31.02	32.97	32.99	1.05	1.08	1.11	1.11	32.93	33.42	36.58	36.67	0.08	0.23	3.25	9.73
United States	5.43	5.28	5.59	5.59	1.06	1.11	1.22	1.22	5.76	5.84	6.83	6.83	0.00	0.00	1.00	17.06
Total Foreign	25.92	25.74	27.38	27.40	1.05	1.07	1.09	1.09	27.16	27.58	29.75	29.83	0.08	0.29	2.26	8.18
China	3.73	4.06	4.80	4.82	1.85	1.96	1.99	1.98	6.90	7.96	9.56	9.56	0.00	0.00	1.60	20.10
FSU-12	2.49	2.41	2.47	2.47	1.20	1.13	1.23	1.24	2.99	2.73	3.04	3.06	0.02	0.66	0.34	12.40
Uzbekistan	1.50	1.42	1.43	1.43	1.43	1.36	1.47	1.47	2.15	1.92	2.10	2.10	0.00	0.00	0.18	9.37
Turkmenistan	0.48	0.48	0.50	0.50	0.88	0.74	0.70	0.70	0.42	0.35	0.35	0.35	0.00	0.00	0.00	0.00
India	8.79	8.12	8.74	8.74	0.59	0.59	0.57	0.57	5.17	4.80	5.00	5.00	0.00	0.00	0.20	4.17
Pakistan	2.92	2.93	3.13	3.13	1.31	1.19	1.06	1.09	3.82	3.48	3.31	3.40	0.09	2.72	-0.08	-2.33
Brazil	0.75	0.90	0.77	0.77	1.48	1.70	1.66	1.66	1.11	1.53	1.27	1.27	0.00	0.00	-0.26	-16.78
Turkey	0.72	0.65	0.70	0.69	1.75	1.75	1.84	1.80	1.26	1.15	1.29	1.24	-0.05	-3.88	0.10	8.30
African Franc Zone	2.23	1.96	2.34	2.34	0.63	0.62	0.71	0.71	1.40	1.21	1.65	1.65	0.00	0.00	0.44	35.91
Australia	0.46	0.51	0.43	0.43	2.26	2.10	2.22	2.22	1.05	1.06	0.96	0.96	0.00	0.00	-0.11	-10.08
Egypt	0.27	0.22	0.32	0.32	1.37	1.37	1.54	1.60	0.38	0.31	0.49	0.50	0.02	3.50	0.20	64.38
Argentina	0.30	0.38	0.18	0.16	0.73	0.75	0.72	0.67	0.22	0.29	0.13	0.11	-0.02	-15.38	-0.18	-61.40
Paraguay	0.20	0.30	0.20	0.20	0.62	0.52	0.63	0.63	0.12	0.16	0.13	0.13	0.00	0.00	-0.03	-19.35
Greece	0.43	0.41	0.41	0.41	1.56	1.68	1.57	1.57	0.67	0.69	0.65	0.65	0.00	0.00	-0.05	-6.52
Syria	0.24	0.27	0.26	0.26	2.62	2.74	2.71	2.71	0.64	0.74	0.71	0.71	0.00	0.00	-0.03	-4.60
Mexico	0.15	0.08	0.10	0.10	1.51	1.65	1.58	1.58	0.23	0.13	0.15	0.15	0.00	0.00	0.02	15.38
Iran	0.21	0.26	0.20	0.20	0.90	0.83	0.73	0.84	0.19	0.22	0.15	0.17	0.02	15.07	-0.05	-21.86
Sudan	0.23	0.24	0.15	0.15	0.55	0.74	1.03	1.03	0.12	0.17	0.15	0.15	0.00	0.00	-0.02	-11.49
Others	1.80	2.05	2.20	2.23	0.50	0.47	0.51	0.51	0.90	0.97	1.13	1.14	0.01	0.53	0.16	16.99



**TABLE 14**  
**Peanut Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	21.48	22.43	22.51	22.51	1.35	1.39	1.50	1.50	29.06	31.17	33.76	33.76	0.00	0.00	2.59	8.31
United States	0.58	0.54	0.57	0.57	2.99	2.74	3.39	3.39	1.74	1.48	1.92	1.92	0.00	0.00	0.44	29.84
Total Foreign	20.90	21.89	21.95	21.94	1.31	1.36	1.45	1.45	27.32	29.69	31.84	31.84	0.00	0.00	2.15	7.23
China	4.27	4.86	4.90	4.90	2.96	2.97	2.96	2.96	12.64	14.44	14.50	14.50	0.00	0.00	0.06	0.42
India	8.00	8.10	8.20	8.20	0.69	0.70	0.95	0.95	5.50	5.70	7.80	7.80	0.00	0.00	2.10	36.84
Indonesia	0.68	0.65	0.65	0.65	1.50	1.50	1.54	1.54	1.02	0.97	1.00	1.00	0.00	0.00	0.03	2.67
Senegal	0.62	0.65	0.70	0.70	1.23	1.42	1.36	1.36	0.76	0.92	0.95	0.95	0.00	0.00	0.03	2.81
Burma	0.49	0.53	0.53	0.53	1.15	1.21	1.21	1.21	0.56	0.64	0.64	0.64	0.00	0.00	0.00	0.00
Sudan	0.55	0.55	0.55	0.55	0.67	0.67	0.67	0.67	0.37	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Zaire	0.52	0.51	0.51	0.51	0.77	0.75	0.75	0.75	0.40	0.38	0.38	0.38	0.00	0.00	0.00	0.00
Argentina	0.22	0.24	0.24	0.24	1.93	1.50	1.60	1.60	0.42	0.36	0.38	0.38	0.00	0.00	0.01	4.17
Nigeria	1.20	1.21	1.22	1.22	1.21	1.21	1.22	1.22	1.45	1.47	1.49	1.49	0.00	0.00	0.02	1.36
Vietnam	0.25	0.26	0.26	0.26	1.28	1.38	1.38	1.38	0.32	0.36	0.36	0.36	0.00	0.00	0.00	0.00
South Africa	0.08	0.17	0.10	0.09	1.99	1.58	1.56	1.65	0.17	0.26	0.15	0.15	0.00	0.00	-0.11	-42.31
Thailand	0.10	0.10	0.10	0.10	1.53	1.53	1.53	1.53	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Burkina Faso	0.22	0.22	0.22	0.22	1.00	1.02	1.02	1.02	0.22	0.22	0.22	0.22	0.00	0.00	0.00	0.00
Brazil	0.10	0.11	0.11	0.11	1.65	1.85	1.86	1.86	0.17	0.20	0.20	0.20	0.00	0.00	-0.00	-0.51
Central African Rep.	0.10	0.10	0.10	0.10	1.10	1.05	1.10	1.10	0.11	0.11	0.11	0.11	0.00	0.00	0.01	4.76
Cameroon	0.32	0.42	0.34	0.34	0.30	0.24	0.32	0.32	0.10	0.10	0.11	0.11	0.00	0.00	0.01	10.00
Cote d'Ivoire	0.15	0.15	0.15	0.15	0.99	1.00	1.00	1.00	0.14	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Mexico	0.09	0.11	0.10	0.10	1.38	1.45	1.40	1.40	0.13	0.16	0.14	0.14	0.00	0.00	-0.02	-12.50
Gambia	0.11	0.11	0.11	0.11	1.09	1.14	1.14	1.14	0.12	0.13	0.13	0.13	0.00	0.00	0.00	0.00
Others	2.84	2.87	2.89	2.89	0.91	0.91	0.91	0.91	2.58	2.61	2.63	2.63	0.00	0.00	0.02	0.61



**TABLE 15**  
**Sunflowerseed Area, Yield, and Production**  
**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1999/00	2000/01	2001/02 Proj.	Jan.	Feb.	1999/00	2000/01	2001/02 Proj.	Jan.	Feb.	1999/00	2000/01	2001/02 Proj.	From last month	From last year	
	Million hectares				Metric tons per hectare				Million metric tons				MMT Percent			
World	23.64	20.27	19.27	19.24	1.15	1.15	1.10	1.10	27.16	23.22	21.25	21.16	-0.08	-0.40	-2.05	-8.85
United States	1.39	1.07	1.04	1.04	1.41	1.50	1.51	1.51	1.97	1.61	1.58	1.58	0.00	0.00	-0.03	-1.80
Total Foreign	22.25	19.19	18.23	18.19	1.13	1.13	1.08	1.08	25.20	21.61	19.67	19.58	-0.08	-0.43	-2.03	-9.38
FSU-12	8.79	7.95	6.68	6.68	0.83	0.98	0.80	0.81	7.26	7.76	5.34	5.38	0.05	0.84	-2.38	-30.64
Russia	5.59	4.63	3.80	3.80	0.74	0.85	0.71	0.71	4.15	3.92	2.70	2.70	0.00	0.00	-1.22	-31.03
Ukraine	2.78	2.84	2.40	2.40	0.98	1.22	0.94	0.94	2.72	3.46	2.25	2.25	0.00	0.00	-1.21	-34.91
Argentina	3.48	1.89	2.00	2.00	1.73	1.62	1.70	1.70	6.00	3.05	3.40	3.40	0.00	0.00	0.35	11.48
European Union	2.04	1.92	2.05	2.05	1.58	1.74	1.60	1.60	3.21	3.33	3.28	3.28	0.00	0.00	-0.05	-1.53
France	0.82	0.71	0.76	0.76	2.35	2.55	2.24	2.24	1.92	1.81	1.70	1.70	0.00	0.00	-0.11	-6.23
Spain	0.84	0.84	0.94	0.94	0.69	1.02	1.01	1.01	0.58	0.85	0.95	0.95	0.00	0.00	0.10	12.03
Italy	0.26	0.26	0.23	0.23	2.00	1.89	1.96	1.96	0.52	0.50	0.45	0.45	0.00	0.00	-0.05	-9.27
Eastern Europe	2.46	1.90	1.65	1.65	1.31	1.10	1.28	1.28	3.21	2.09	2.11	2.11	0.00	0.00	0.02	0.72
Hungary	0.53	0.30	0.32	0.32	1.50	1.67	1.72	1.72	0.80	0.50	0.55	0.55	0.00	0.00	0.05	10.00
Romania	1.05	0.86	0.70	0.70	1.24	0.82	1.00	1.00	1.30	0.70	0.70	0.70	0.00	0.00	0.00	0.00
Serbia	0.18	0.15	0.17	0.17	1.48	1.48	1.76	1.76	0.27	0.22	0.30	0.30	0.00	0.00	0.08	38.89
Bulgaria	0.52	0.45	0.33	0.33	1.10	0.93	0.94	0.94	0.57	0.42	0.31	0.31	0.00	0.00	-0.11	-26.19
Czech Rep.	0.03	0.03	0.03	0.03	2.25	2.25	2.00	2.00	0.06	0.06	0.06	0.06	0.00	0.00	-0.00	-4.76
China	1.14	1.20	1.20	1.18	1.58	1.63	1.58	1.50	1.80	1.95	1.90	1.77	-0.13	-6.84	-0.18	-9.42
India	2.30	2.20	2.40	2.40	0.57	0.57	0.58	0.58	1.30	1.25	1.40	1.40	0.00	0.00	0.15	12.00
Turkey	0.54	0.54	0.55	0.55	1.48	1.06	0.91	0.91	0.80	0.58	0.50	0.50	0.00	0.00	-0.08	-13.04
South Africa	0.40	0.52	0.64	0.62	1.38	1.22	1.24	1.27	0.55	0.64	0.79	0.79	0.00	0.00	0.16	24.41
Australia	0.12	0.07	0.11	0.11	1.23	1.01	1.10	1.10	0.15	0.07	0.12	0.12	0.00	0.00	0.05	64.29
Burma	0.32	0.45	0.45	0.45	0.59	0.60	0.60	0.60	0.19	0.27	0.27	0.27	0.00	0.00	0.00	0.00
Others	0.67	0.56	0.51	0.52	1.10	1.12	1.12	1.12	0.74	0.63	0.57	0.58	0.00	0.00	-0.05	-8.59



**TABLE 16**

**Rapeseed Area, Yield, and Production**

**World and Selected Countries and Regions**

Country/Region	Area				Yield				Production				Change in Production			
	1999/00		2001/02 Proj.		1999/00		2001/02 Proj.		1999/00		2001/02 Proj.		From last month		From last year	
	Prel.	2000/01	Jan.	Feb.	Prel.	2000/01	Jan.	Feb.	Prel.	2000/01	Jan.	Feb.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	26.84	25.12	24.77	24.64												
United States	0.42	0.61	0.59	0.59	1.58	1.49	1.47	1.48	42.44	37.56	36.45	36.41	-0.04	-0.11	-1.15	-3.06
Total Foreign	26.42	24.52	24.18	24.05	1.46	1.50	1.54	1.54	0.62	0.91	0.91	0.91	0.00	0.00	-0.00	-0.1
					1.58	1.49	1.47	1.48	41.81	36.65	35.54	35.50	-0.04	-0.11	-1.15	-3.13
India	5.64	5.02	5.35	5.35	0.91	0.74	0.86	0.86	5.11	3.73	4.60	4.60	0.00	0.00	0.88	23.49
China	6.90	7.49	8.05	8.05	1.47	1.52	1.45	1.45	10.13	11.38	11.70	11.70	0.00	0.00	0.32	2.80
Canada	5.56	4.82	3.85	3.85	1.58	1.48	1.30	1.30	8.80	7.12	5.00	5.00	0.00	0.00	-2.12	-29.77
European Union	3.56	3.04	3.02	3.02	3.22	2.97	2.86	2.86	11.47	9.03	8.64	8.64	0.00	0.00	-0.39	-4.37
France	1.34	1.23	1.10	1.10	3.32	2.91	2.64	2.64	4.45	3.57	2.90	2.90	0.00	0.00	-0.67	-18.74
Germany	1.20	1.08	1.15	1.15	3.58	3.33	3.39	3.39	4.29	3.59	3.90	3.90	0.00	0.00	0.32	8.79
United Kingdom	0.54	0.40	0.44	0.44	3.23	2.88	2.61	2.61	1.74	1.16	1.15	1.15	0.00	0.00	-0.01	-0.61
Denmark	0.15	0.10	0.08	0.08	2.70	2.95	2.68	2.68	0.41	0.29	0.22	0.22	0.00	0.00	-0.08	-25.68
Sweden	0.08	0.04	0.04	0.04	2.13	2.61	2.68	2.68	0.16	0.12	0.11	0.11	0.00	0.00	-0.01	-4.35
Eastern Europe	1.27	1.07	1.11	1.11	2.10	2.09	2.40	2.40	2.65	2.25	2.66	2.66	0.00	0.00	0.41	18.33
Poland	0.55	0.44	0.45	0.45	2.08	2.19	2.47	2.47	1.13	0.96	1.10	1.10	0.00	0.00	0.14	14.70
Czech Rep.	0.33	0.34	0.34	0.34	2.63	2.52	2.88	2.88	0.85	0.84	0.98	0.98	0.00	0.00	0.14	16.11
Australia	1.91	1.56	1.20	1.20	1.29	1.22	1.42	1.42	2.46	1.91	1.70	1.70	0.00	0.00	-0.20	-10.76
FSU-12	0.67	0.60	0.69	0.56	0.58	0.67	0.62	0.69	0.39	0.40	0.43	0.39	-0.04	-9.39	-0.01	-3.02
Russia	0.25	0.22	0.22	0.22	0.55	0.67	0.67	0.67	0.14	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Pakistan	0.33	0.33	0.33	0.33	0.85	0.91	0.86	0.86	0.28	0.30	0.28	0.28	0.00	0.00	-0.02	-5.72
Bangladesh	0.34	0.34	0.34	0.34	0.74	0.74	0.74	0.74	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Others	0.24	0.24	0.24	0.24	1.13	1.23	1.19	1.19	0.27	0.29	0.29	0.29	-0.00	-0.00	-0.01	-2.38



**TABLE 17**  
**Copra, Palm Kernel, and Palm Oil Production**  
**World and Selected Countries and Regions**

Country/Region	Production				Change in Production			
	1999/00	Prel. 2000/01	2001/02 Proj.		From last month		From last year	
			Jan.	Feb.				
	Million metric tons				MMT	Percent	MMT	Percent
COPRA								
World	5.44	5.71	5.29	5.69	0.40	7.56	-0.02	-0.37
Philippines	2.35	2.50	2.10	2.50	0.40	19.05	0.00	0.00
Indonesia	1.32	1.45	1.45	1.45	0.00	0.00	0.00	0.00
India	0.73	0.73	0.70	0.70	0.00	0.00	-0.03	-3.45
Mexico	0.19	0.20	0.20	0.20	0.00	0.00	0.00	2.04
Sri Lanka	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00
Vietnam	0.22	0.22	0.22	0.22	0.00	0.00	0.00	0.00
Malaysia	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
Others	0.57	0.55	0.55	0.55	0.00	0.00	0.00	0.00
PALM KERNEL								
World	6.40	6.86	7.20	7.20	0.00	0.00	0.34	4.99
Malaysia	3.08	3.41	3.55	3.55	0.00	0.00	0.14	4.04
Indonesia	2.12	2.25	2.40	2.40	0.00	0.00	0.15	6.67
Nigeria	0.35	0.32	0.35	0.35	0.00	0.00	0.03	9.38
Cote d'Ivoire	0.06	0.06	0.06	0.06	0.00	0.00	0.00	1.75
Colombia	0.10	0.11	0.12	0.12	0.00	0.00	0.01	4.55
Thailand	0.15	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Zaire	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Ecuador	0.04	0.04	0.05	0.05	0.00	0.00	0.01	16.67
Others	0.46	0.47	0.48	0.48	0.00	0.00	0.01	2.34
PALM OIL								
World	21.77	23.68	24.61	24.61	0.00	0.00	0.93	3.93
Malaysia	10.49	11.94	12.20	12.20	0.00	0.00	0.26	2.20
Indonesia	7.20	7.60	8.10	8.10	0.00	0.00	0.50	6.58
Nigeria	0.76	0.73	0.76	0.76	0.00	0.00	0.03	4.11
Cote d'Ivoire	0.28	0.27	0.28	0.28	0.00	0.00	0.00	1.85
Colombia	0.50	0.52	0.55	0.55	0.00	0.00	0.03	5.77
Thailand	0.71	0.72	0.72	0.72	0.00	0.00	0.00	0.00
Zaire	0.15	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Ecuador	0.24	0.25	0.30	0.30	0.00	0.00	0.06	22.45
Others	1.44	1.50	1.55	1.55	0.00	0.00	0.05	3.20



**TABLE 18**  
**Cotton Area, Yield, and Production**  
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change In Production			
	Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		Prel.		2001/02 Proj.		From last month		From last year	
	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	1999/00	2000/01	Jan.	Feb.	MBales	Percent	MBales	Percent
	Million hectares				Kilograms per hectare				Million 480 lb. bales				MBales	Percent	MBales	Percent
World	32.34	31.95	33.96	33.98	588	603	620	621	87.35	88.53	96.68	96.87	0.19	0.20	8.34	9.43
United States	5.43	5.28	5.59	5.59	680	708	782	782	16.97	17.19	20.08	20.08	0.00	0.00	2.90	16.85
Total Foreign	26.91	26.67	28.37	28.39	570	582	588	589	70.38	71.34	76.59	76.79	0.19	0.25	5.45	7.64
Major Exporters	14.39	14.59	15.54	15.53	754	776	790	792	49.81	52.00	56.39	56.49	0.10	0.18	4.49	8.63
China	3.73	4.06	4.80	4.82	1,028	1,089	1,107	1,102	17.60	20.30	24.40	24.40	0.00	0.00	4.10	20.20
Pakistan	2.92	2.93	3.13	3.13	642	610	529	543	8.60	8.20	7.60	7.80	0.20	2.63	-0.40	-4.88
Sudan	0.23	0.24	0.15	0.15	232	315	435	435	0.24	0.34	0.30	0.30	0.00	0.00	-0.04	-11.76
Turkey	0.72	0.65	0.70	0.69	1,100	1,198	1,260	1,234	3.63	3.60	4.05	3.90	-0.15	-3.70	0.30	8.33
FSU-12	2.49	2.41	2.47	2.47	638	582	634	638	7.30	6.44	7.19	7.24	0.05	0.70	0.80	12.43
Uzbekistan	1.50	1.42	1.43	1.43	752	677	731	731	5.18	4.40	4.80	4.80	0.00	0.00	0.40	9.09
Turkmenistan	0.48	0.48	0.50	0.50	481	401	392	392	1.05	0.88	0.90	0.90	0.00	0.00	0.02	2.86
Other	0.52	0.52	0.54	0.54	452	489	601	621	1.07	1.16	1.49	1.54	0.05	3.37	0.37	32.33
Egypt	0.27	0.22	0.32	0.32	841	898	950	985	1.06	0.92	1.38	1.43	0.05	3.64	0.51	54.89
African Franc Zone	2.33	2.05	2.44	2.44	363	342	399	399	3.88	3.22	4.48	4.48	0.00	0.00	1.26	39.13
Southern Hemisphere	1.71	2.04	1.53	1.51	954	960	995	999	7.50	8.99	7.00	6.95	-0.05	-0.71	-2.04	-22.70
Argentina	0.30	0.38	0.18	0.16	417	421	399	374	0.57	0.74	0.33	0.28	-0.05	-15.15	-0.46	-61.90
Australia	0.46	0.51	0.42	0.42	1,623	1,595	1,555	1,555	3.46	3.70	3.00	3.00	0.00	0.00	-0.70	-18.92
Brazil	0.75	0.85	0.73	0.73	898	1,047	984	984	3.10	4.10	3.30	3.30	0.00	0.00	-0.80	-19.51
Paraguay	0.20	0.30	0.20	0.20	410	327	397	397	0.37	0.45	0.37	0.37	0.00	0.00	-0.09	-18.89
Major Importers	0.59	0.56	0.56	0.56	994	1,002	964	964	2.70	2.56	2.49	2.49	0.00	0.00	-0.07	-2.58
Other Foreign	11.93	11.52	12.28	12.30	326	317	314	315	17.87	16.78	17.71	17.81	0.09	0.54	1.03	6.13
India	8.79	8.12	8.74	8.74	302	292	294	294	12.18	10.90	11.80	11.80	0.00	0.00	0.90	8.26
Others	3.14	3.40	3.54	3.56	395	377	364	367	5.69	5.88	5.91	6.01	0.09	1.61	0.13	2.19



**TABLE 19**

The table below presents a 20-year record of the differences between the February projection and the final estimate. Using world wheat production as an example, changes between the February projection and the final estimate have averaged 2.5 million tons (0.5 percent) and ranged from -7.3 to 6.8 million tons. The February projection has been below the final 15 times and above the final 5 times.

**RELIABILITY OF PRODUCTION PROJECTIONS**

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 2000/01 1/					
	Difference		Lowest	Highest	Below	Above
	Average	Average	Difference		Final	Final
	Percent	---Million metric tons---			Number of years 2/	
<b>WHEAT</b>						
World	0.5	2.5	-7.3	6.8	15	5
U.S.	0.1	0.0	-0.2	0.1	9	5
Foreign	0.5	2.5	-7.3	6.8	15	5
<b>COARSE GRAINS 3/</b>						
World	0.8	6.2	-17.6	7.3	14	6
U.S.	0.1	0.1	-0.2	1.3	11	5
Foreign	1.1	6.2	-17.6	7.3	12	7
<b>RICE (Milled)</b>						
World	1.4	4.7	-14.0	1.9	16	4
U.S.	1.1	0.1	-0.3	0.2	6	3
Foreign	1.4	4.7	-14.0	1.8	16	4
<b>SOYBEANS</b>						
World	1.8	2.1	-4.8	2.1	14	6
U.S.	1.0	0.6	-1.6	1.8	8	9
Foreign	3.3	2.0	-5.2	2.2	16	4
			---Million 480-lb. bales---			
<b>COTTON</b>						
World	1.8	1.5	-5.4	2.8	14	6
U.S.	0.6	0.1	0.1	0.3	5	14
Foreign	2.2	1.5	-5.7	2.7	14	6
<b>UNITED STATES</b>			-----Million bushels-----			
<b>CORN</b>	0.1	3	-8	38	2	1
<b>SORGHUM</b>	0.1	0	0	4	0	2
<b>BARLEY</b>	0.4	2	-3	11	9	3
<b>OATS</b>	0.1	0	-2	1	4	2

1/ The final estimate for 1981/82-2000/01 is defined as the first November estimate following the marketing year.

2/ May not total 20 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.



# WORLD AGRICULTURAL WEATHER HIGHLIGHTS

February 8, 2002

## 1 - UNITED STATES

Precipitation slackened across the Northwest during January, leaving the region's complete recovery from the drought of 2000-01 in doubt. Farther south, a late-January storm system delivered the month's only significant precipitation in much of the Four Corners region. The same storm crossed the central and southern Plains and parts of the Corn Belt on January 30-31, providing much-needed moisture for the Plains' wheat crop and recharging soil moisture in parts of the Midwest, but causing serious travel and electrical disruptions due to ice accumulations. The cold air that helped to fuel the late-month storm also left the northern High Plains' drought-stressed winter wheat crop exposed to temperatures as low as -20 degrees Fahrenheit. Cool air also spilled into California, bringing several minor to moderate freezes to the San Joaquin Valley's citrus areas in mid- to late- January and necessitating some freeze-protection measures. Farther east, heavy rain from January 18-25 aided pastures and winter grains in the southern Atlantic region, but brought renewed lowland flooding to the Delta.

## 2 - SOUTH AMERICA

Across southern Paraguay; Rio Grande do Sul, Brazil; and portions of northern Argentina, a late-December to late-January drought stressed summer crops. Late January and early February rainfall eased the drought and stabilized yield prospects. Good to excellent growing conditions elsewhere in Brazil offset the potential impact of the southern drought. In central Argentina, near- to above-normal January rainfall maintained adequate soil moisture for vegetative to reproductive summer crops. Slightly below-normal January temperatures eased crop water use across Argentina.

## 3 - EUROPE

Unseasonably mild weather overspread the continent during January, providing favorable overwintering conditions for dormant and semi-dormant winter grains. The mild weather melted the protective snow cover over central and eastern Europe, however, leaving most major crop-producing areas snow free by early February. Near- to above-normal precipitation maintained moisture supplies in central Spain and from England eastward through Poland. Elsewhere, below-normal precipitation combined with the unseasonably mild weather to help increase evaporative losses.

## 7 - SOUTH ASIA

During January, showers improved winter wheat and oilseed prospects across northern India. Unseasonably heavy rain in the east and south boosted irrigation reserves for winter grown rice.

## 8 - EASTERN ASIA

During January, near- to above-normal precipitation fell across central and southern China, maintaining adequate moisture supplies for winter crops and sugarcane across the south. However, below-normal precipitation in the middle Yangtze Valley (southern Henan, Hubei, and Hunan) reduced moisture supplies. Much-above-normal temperatures during the first half of January caused winter wheat to lose some winter hardiness across the North China Plain. Cooler temperatures later in the month allowed the wheat to regain some winter hardiness.

## 9 - SOUTHEAST ASIA

In January, consistent heavy rainfall eased long term dryness in Java, Indonesia, but also caused some flooding. Below-normal rainfall reduced moisture supplies for second-season crops in the Philippines and oil palm in peninsular Malaysia. Persistent light showers increased irrigation supplies in northern Vietnam, but below-normal temperatures slowed development of winter-spring rice.

## 10 - AUSTRALIA

In early January, winter crop harvesting ended in Western Australia and the southeast after a period of unfavorable wetness. Warm, showery weather aided cotton and sorghum development in the east, although much of southern Queensland had become unfavorably dry by early February.

## 11 - SOUTH AFRICA

Weather conditions remained mostly favorable for reproductive corn and other summer crops. Although northern and eastern sections of the corn belt have trended drier than normal, temperatures remained at generally favorable levels for pollination.



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## 4 - FSU-WESTERN

In January, a warming trend followed a period of bitterly cold weather that persisted during the first 10 days of the month, improving overwintering conditions for winter grains. Unseasonably mild weather in early February melted most of the protective snow cover in the Baltics, Belarus, Ukraine, and southern Russia, leaving winter grains vulnerable to potential extreme cold.

## 5 - NORTHWESTERN AFRICA

In January, rainfall was well below normal throughout Morocco, Algeria, and Tunisia. The lack of rainfall along with above-normal temperatures reduced sub-soil moisture for vegetative winter grains. Rainfall is needed to prevent declines in crop prospects.

## 6 - MIDDLE EAST AND TURKEY

In Turkey, drier weather in January brought flood relief to the southwest. Elsewhere, rain and snow showers frequented the region's main winter wheat areas, although pockets of local dryness persisted in northwestern Iran. Snow cover offered some protection from bitter cold outbreaks in western Iran and Turkey's Anatolian Plateau.



# February Normal Crop Calendar

## Summer crops



## Winter crops

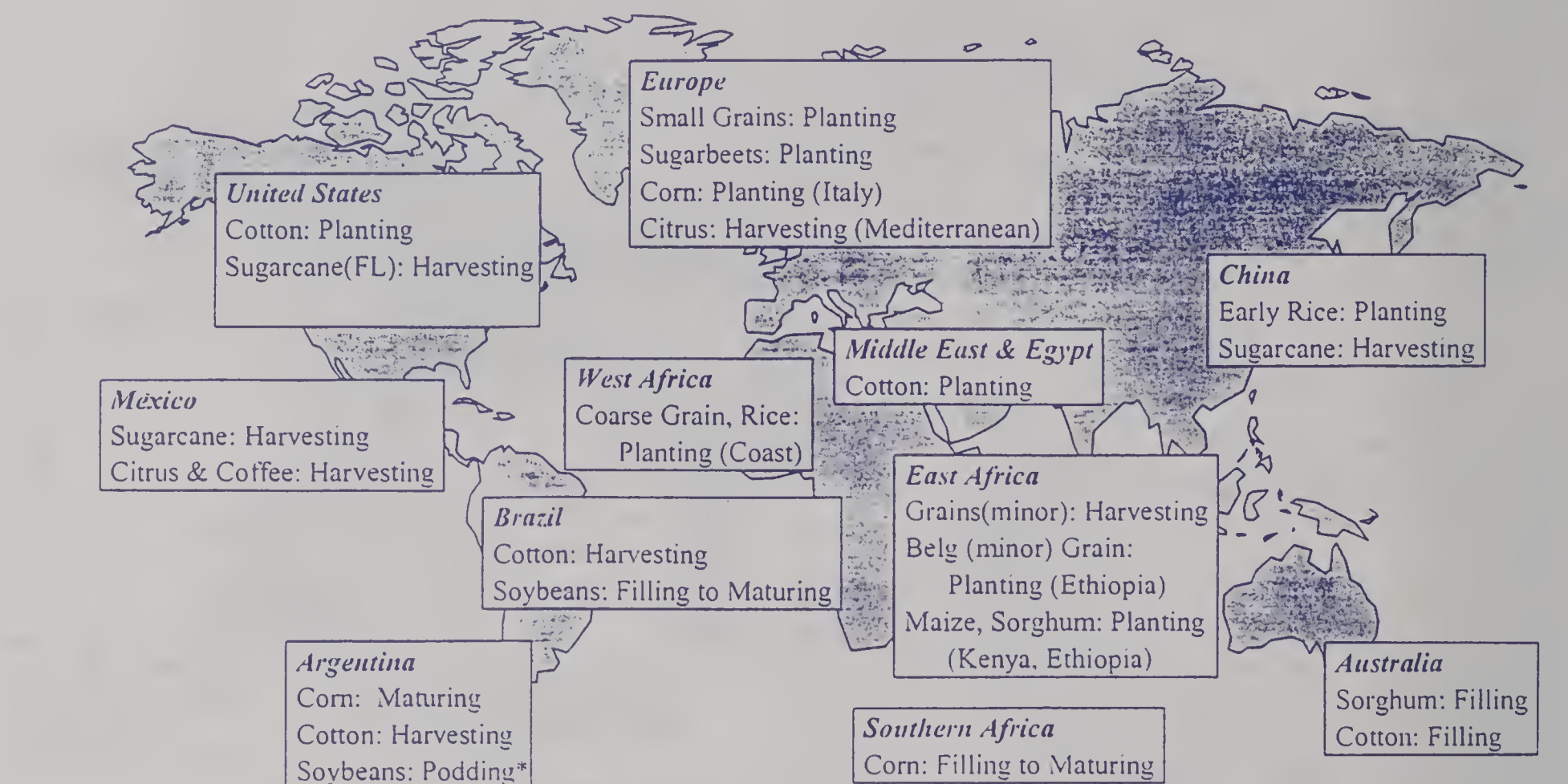


\* Moisture / Temperature Sensitive Stage of Development

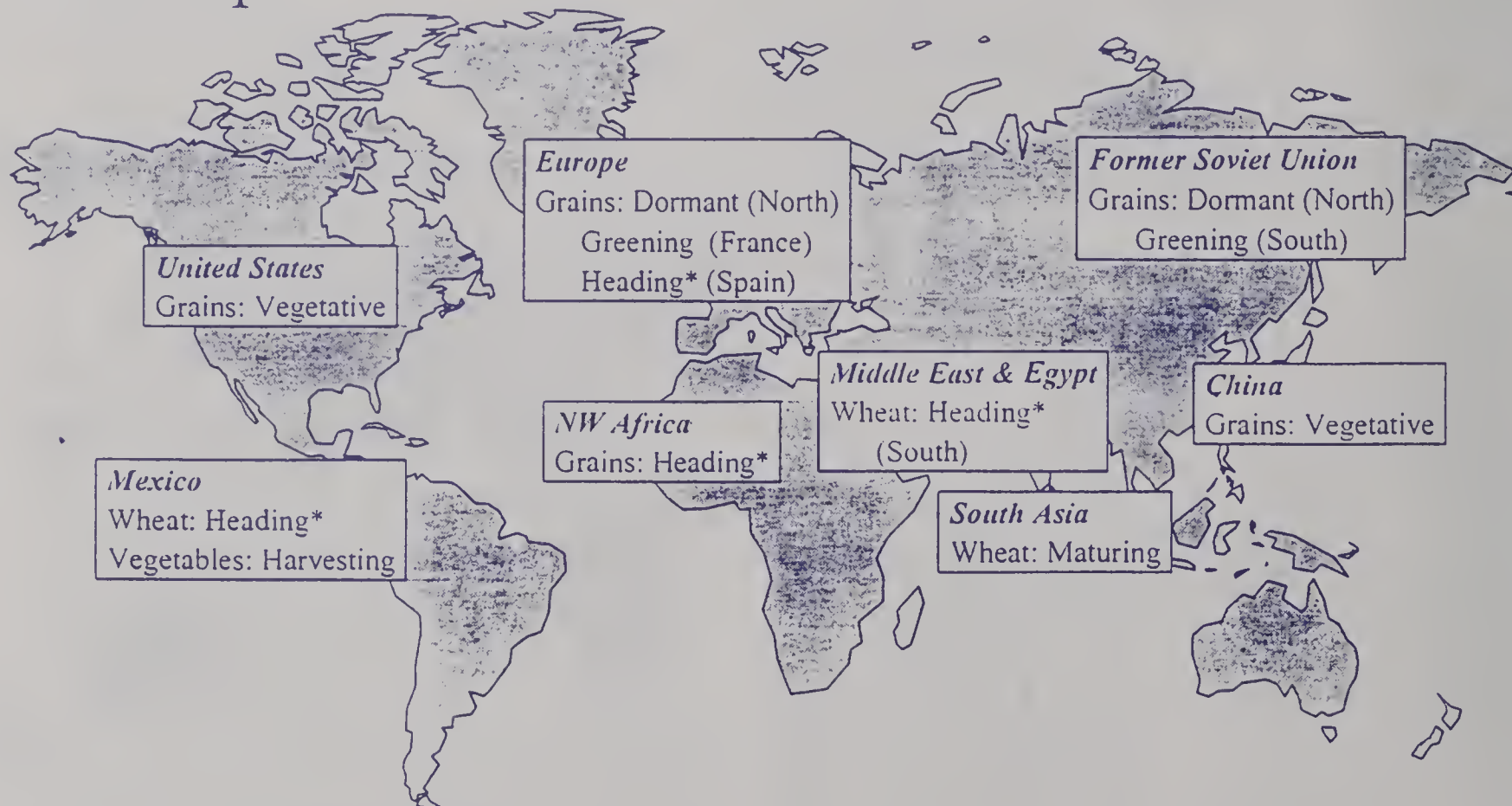


# March Normal Crop Calendar

## Summer crops



## Winter crops



\* Moisture / Temperature Sensitive Stage of Development



## **WEATHER BRIEFS**

### **Afghanistan: Growing Areas Finally Receive Precipitation**

The first significant precipitation of the 2002 growing season finally reached the major growing areas of Afghanistan during the last few days of January and the first week of February. Much of the precipitation was in the form of snow and snow accumulated in upper elevations. While nighttime temperatures were generally below freezing, daytime temperatures across many of the growing areas were above 0 degrees Celsius and ranging closer to 10 or 15 degrees Celsius. For the growing season, cumulative precipitation is about 50 percent of normal. Drought has affected Afghanistan's crops during the last two growing seasons, compounding the effect of continued below normal precipitation.

### **Middle East: Precipitation Continued Across Winter Wheat Areas**

During December 2001, seasonably wet weather was received in most winter wheat areas in the Middle East, but unseasonable wetness worsened flooding in parts of southwestern Turkey. The exception was northwestern Iran, which received light, scattered precipitation. Unfavorable warmth and dryness returned to southern and eastern Iran later in the month, but scattered showers continued elsewhere across the region's major winter wheat areas. During the first several weeks of January 2002, dry weather covered southwestern Turkey and the Anatolian Plateau, providing much-needed relief from December's excessive wetness and local flooding. Near- to above-normal precipitation continued in eastern Turkey, and heavy rain developed from south-central Turkey to Israel, boosting moisture reserves for winter grain development and future irrigation requirements. Rainfall was light across the winter wheat areas of eastern Syria, but moderate rain covered much of Iran, including previously dry sections of the east and northwest. Prevailing weather patterns and satellite imagery depicted scattered showers across Iraq. Mostly dry weather dominated the region from January 13 – 26. A few locations in Turkey and Iran received light precipitation during this period, mostly in the form of snowfall. Locally heavy precipitation fell from western Syria southward through Israel, boosting long-term moisture and irrigation reserves. From January 27 through February 2, the dry weather pattern continued to dominate Turkey. Temperatures averaged below normal over the Anatolian Plateau, but snow cover offered protection from low temperatures. Showery, warmer-than-normal weather dominated most other major winter wheat areas across the region. Heavier precipitation again fell in northern Israel and from central Syria to west-central Iran, and satellite imagery and weather patterns indicated precipitation across Iraq.

### **Northwestern Africa: Morocco and Western Algeria Dangerously Dry**

In December 2001, above-normal rainfall across Morocco boosted soil moisture, allowing winter grain planting to proceed. However, most of Algeria and Tunisia received much lower than normal precipitation. Fortunately, temperatures in Algeria and Tunisia were normal to slightly below normal, limiting the negative effect of the dryness. Weather during January 2002 turned dry across Morocco and limited the soil moisture that was available for vegetative winter grains. Light-to-moderate showers, in mid-January, temporarily eased dryness across Algeria, especially in the east, and across northern Tunisia. From January 20 through February 5, little to no rain fell across Northwestern Africa and temperatures were 1 to 5 degrees Celsius above normal, stressing winter grains and resulting in a



decline in crop conditions. During February 6 and 7, a low-pressure system passed across eastern Algeria producing much-needed rainfall and lowering temperatures. Unfortunately however, this rain bypassed Morocco and most of western Algeria and Tunisia.



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